TABLES

OF

DIFFERENCE

OF

LATITUDE and DEPARTURE

FOR

NAVIGATORS, LAND SURVEYORS, &c.

With their Application to

PLANE TRIGONOMETRY,

And their Uſe in

PLOTTING AND CALCULATING SURVEYS,

Which perfects the HOUSE-WORK of that ART.

To which is PREFIXED,

An Account of the Diurnal Variation of the Magnetic Needle, the Error thence ariſing and its Correction; the Uſe of a new Surveying Inſtrument, &c. Being great Improvements of the FIELD-WORK.

The Whole almoſt ENTIRELY NEW.

Compiled at the Inſtance of a COMMITTEE of the
DUBLIN SOCIETY,
By JOHN HOOD, LAND SURVEYOR.

DUBLIN:
Printed and Sold by WILLIAM SLEATER in *Caſtle-ſtreet*, for the AUTHOR;
And alſo Sold by EDWARD SPICER and JAMES LYNCH, Mathemaitcal Inſtrument Makers; where may be had the Chequered Paper and Compaſs Theodolite, mentioned in this Book, and all other Inſtruments for Surveyors, Navigators, &c.

M DCC LXXII.

BRITISH MUSEUM.

To the Right Honourable and Honourable

THE

MEMBERS

OF THE

DUBLIN SOCIETY,

As a ſmall Teſtimony of his Reſpect and Gratitude,

This Treatiſe is

Moſt humbly inſcribed by

The AUTHOR.

ADVERTISEMENT.

THE following little Eſſay on Surveying ſuppoſes the Readers who would become Practitioners of the Method therein diſplayed, to be acquainted with Decimal Arithmetic, the Elements of Plane Geometry, Plane Trigonometry, ſome of the beſt Writers on Practical Surveying, as GIBSON and NOBLE, and if with Plain Sailing, ſo much the better.

THE End aimed at is to render the whole Buſineſs, as much as may be, Matter of Arithmetical Calculation; and as the Bulk of every civilized Nation is intereſted in Land Surveying, it is preſumed any Attempt towards this will be kindly received by the Public. This the Author humbly thinks is here accompliſhed.

THE Method of Plotting or Mapping by Calculation is incomparably the beſt in all Surveys, but eſpecially in extenſive ones, as the principal Manager may have a Number of Surveyors working toward different Quarters from the ſame Prime Meridian and Parallel: Any Part of whoſe Work can be laid down at any Time in its proper Place on the great Plan, which cannot be done by any other Method.

CALCULATING THE AREA, which has been hitherto confined to one Cloſe or Surround, is here extended to all ſucceeding Cloſes, and with ſtill greater Eaſe as their Number increaſes; ſo that in large Surveys it is performed with one fourth Part of the Labour. And the Reader will find the Subject treated in ſuch a Manner as that any Practitioner in the common Methods of tolerable Capacity, may acquire a competent Skill in this, in a few Days, perhaps in a few Hours: Which it is hoped will tend to bring it into general Practice.

NAVIGATORS know the Uſe of the Tables too well to need any particular Inſtructions; the Sketch of Trigonometry is ſufficient, though they may read the manner of preparing for, and laying down Surveys, which is much like working their Day's Reckoning.

N. B. When a Map is laid down on the chequered Paper.

	Perches to an Inch.	Area of the little Squares.	Area of the great Squares.
By a Scale of	10	4 Perches.	2½ Acres.
	20	16	10
	40	1 : 24	40

A X I O M I.

IN Land Surveying the Earth is conſidered as a Plane; the Meridians as Parallels; the Parallels of Latitude croſſing them at Right-Angles: The Angles and Diſtances, taken as on the Plane of the Horizon; the Area of Ground as what it covers of that Plane.

Of BEARINGS *and* ANGLES.

As the tabular Method here propoſed, requires no other Way of booking Angles in the Field for ordinary, than taking the Bearings of Objects and Lines from the Meridian; it is ſufficient to have the Circle, whether Theodolite or Compaſs, quartered, and accurately divided into four Nineties, whole Degrees only; the Vernier Scale properly accommodated, ſupplying the Want of the ſmalleſt Sub-diviſion of Degrees.

AND as the Compaſs and the Theodolite have each their Imperfections, neither of them ought to be commonly uſed alone.

ONE of theſe Imperfections or Inconveniencies, is a Phœnomenon of the Magnetic Needle, not taken Notice of by Writers on Surveying, which conſiderably affects the Truth of a Survey made by it; that is, the Diurnal Variation.

Mr. ANDERSON's ACCOUNT *of this Variation.*

“ FROM about Eight or nine o'Clock in the Morning, the Needle moves regularly Weſtward 'till about Two in the Afternoon, when it becomes ſtationary for ſome Time; then the Variation Weſtward gradually decreaſes, and the Needle comes back to its former Situation, or near it by the next Morning.

“ THIS Variation is much greater in Summer than in Winter, and is always irregular during an Aurora Borealis.”

P R O P. I.

“ *The mean Diurnal Variation for every Month in the Year* 1759.

“ *January*	0°. 7'. 08"	“ *July*	0°. 13'. 14"
“ *February*	0. 8. 58	“ *Auguſt*	0. 12. 19
“ *March*	0. 11. 17	“ *September* . . .	0. 11. 43
“ *April*	0. 12. 26	“ *October*	0. 10. 36
“ *May*	0. 13. 00	“ *November* . . .	0. 8. 09
“ *June*	0. 13. 21	“ *December* . . .	0. 6. 58

PROP. II.

The Error ariſing from the Diurnal Variation in a Survey of 200.00 Chains in Circuit, began at Eight o'Clock in a Summer's Morning, and cloſed at Two in the Afternoon, amounts to 0.17. and lies always to the Left-hand, when the Face is turned from the firſt Station toward the Center of the Land: So that, when the Surround is made with the Sun, it overſhoots 17 Links, and when made the contrary Way, it falls as much ſhort of a Cloſe.

In Figure 1 of four Sides each 50.00 long, the firſt Bearing ſuppoſed to be taken right, there will be no Error in the Place of the ſecond ⊙ or Station.

But at ⊙ 2d, the Needle being gone $0^{\circ} : 4'$ to the Left-hand, it will be $R : \text{Sine } 0^{\circ} : 4' :: 50.00 : 0.05818 = 3a$; and ſuppoſing the Variation at ⊙ 3d to be $0^{\circ}\ 8'$, it will be $R : \text{Sine } 0^{\circ} .. 8' :: 50.00 : 12$ Links, then $4x = 12$, and $ex = 5.8$ Links: Let the Variation at ⊙ 4th be $0^{\circ} .. 12'$, and by the ſame Reaſoning $n\,1 = 12$ Links, and nm as much; and if the Figure is right angled the Root of $n\,1\,\square + mn\,\square := 17$ Links $= 1\,m$ the Miſcloſe.

Now, it is eaſy to perceive, by tracing the Survey as made the other Way, that m will ſtill be the cloſing Point; and that this will hold, let the Number of Sides be many or few.

PROP. III.

To prevent the Error otherwiſe ariſing from this Variation.

As the Needle is ſtationary about Two in the Afternoon, which is the Middle of the Working Hours of the Day, and at its greateſt Diſtance from this at Eight or Nine in the Morning; if the Vernier Scale be placed as much to the Left of the Needle, as (conſidering the Seaſon of the Year and Time of the Day at ſetting out,) the Variation may then be, and working on 'till Two o'Clock, (all other Errors apart) the Needle will have gradually approached the Vernier, and then coincide with it, and ſoon after begin to return.

Or, without the Theodolite; if the Time of Day be noted in the Field Book at ſundry ſtations, there may be good Uſe made of the ſame in correcting the Survey for Plotting or Calculation; or the Allowances may be made in the Field, by taking the Bearings a little to the Left-hand of the Needle, according to the Diſtance of Time from Two o'Clock.

But the greateſt Trouble of all is, the Needle's being drawn aſide by Iron in the Ground, or in the Inſtrument; againſt the effects whereof there is no guarding, but by uſing another Inſtrument with it, which works independent of the Needle.

Against the Theodolite uſed alone, there lies this material Objection, that whereas the Needle gives the Bearing of every Side independent of every other Side, the Theodolite makes all the ſucceeding Sides depend in Poſition upon the preſent.

Hence the neceſſity of a compound Inſtrument: And I have contrived one of a very ſimple Conſtruction, in which the Theodolite and Compaſs are united in one Circle; whence ſundry Advantages are obtained, beſides what are common to all compound Inſtruments.

Any one who has practiſed with a common Theodolite and Compaſs, will ſoon know how to uſe this, as follows.

P R O B. I.

To take Bearings with this Inſtrument.

After levelling, (for which there may be croſs Air Levels in the Bottom of the Box,) bring the North End of the Needle to reſt at the Middle Line of the Vernier Scale; ſcrew the whole Inſtument to the Ball and Socket; turn the Sights, and with the *Flower-de-luce* from you, ſett (or cut with the Hair) the forward Object; look into the Box, if the Vernier point out a whole Degree, or ſuch Part of a Degree as the Tables are calculated to; if not, turn the Sights a ſmall Matter 'till it does; ſcrew faſt the upper Part to the lower by the Pin in the Foot of one of the Sights for that Purpoſe: Then, looking thro' the Sights again, obſerve what other Object is cut by the Hair; toward or over this you are to chain: Having booked the Bearing, raiſe the Needle off the Center Pin; then may the Inſtrument be ſafely carried by another, while you, with great Care, meaſure the horizontal Diſtance, taking the Offsets on Right and Left, and making all the neceſſary Remarks as you go on. Amongſt which, if there be Interſections for any Purpoſe, by letting down the Needle upon the Pin, the Inſtrument may be applied as a Compaſs Box, without altering the Poſition of the Vernier, with Reſpect to the Circle.

Having arrived at the ſecond ⊙, which let be at even Chains always when you can, place the Inſtrument directly over the End of the Line; and, looking thro' the Sights backward and forward, fix the Inſtrument exactly in the ſtationary Line; level it, unſcrew the lower Pin, turn the whole Inſtrument, and, with the *Flower-de-luce* to your Boſom, ſett the Marks-man at the firſt ⊙; ſcrew faſt the Inſtrument to the Ball and Socket, let down the Needle on the Pin; unſcrew the Pin in the Foot of the Sight; and, with the *Flower-de-luce* from you, take the forward Obſervation to a whole Degree, or ſuch Part of a Degree as can be found in the Table as before, *&c.*

P R O B. II.

To take an Angle.

Bring the firſt Diameter to the Vernier Scale; and, turning the whole Inſtrument, plant the Sights parallel to the firſt Side of the Angle; ſcrew faſt the Inſtrument to the Ball and Socket; turn the Sights parallel to the other Side: The Vernier will point out the Quantity of the Angle if below 90°; but it's Supplement if above 90°.

PROB. III.

To ſet off a given Angle from a Right Line.

Bring the Diameter to the Scale, and turn the whole Inſtrument until the Sights are parallel to the Right Line; ſcrew faſt the Inſtrument, and turn the Sights until the Scale cuts the given Angle if below 90°; or its Supplement in the next Quadrant if above 90°; the Sights are then in the Direction required.

PROB. IV.

To take an Altitude.

Turn the Inſtrument vertical; bring the Scale to the Diameter and level it; ſcrew faſt the Inſtrument, turn the Sights and ſett the Object: The Scale points the Altitude.

Of the TABLES.

Tables of diff. Latitude and Departure, are the natural Sines to different Radiuſes, made for the more eaſy and expeditious working of Caſes in Plane Trigonometry.

These are from One to an Hundred incluſive, as beſt adapted to the *Gunter*'s Chain, (and ſufficient for all the Purpoſes to which they may be applied by Navigators) and to Quarters of degrees; but as they go to four Places of Decimals, will anſwer to every Minute of a Degree, and Diſt. 100.0000. The diff. Latitude ſtands under the Courſe, or Bearing; the Departure under its Complement; but uſed as Sines ſtand contrary; the Coſine under the Angle, the Sine under its Complement.

To correct a wrong Figure in the Table, or reſtore an Obſcure one.

Add the firſt Number in any Column to any Number therein, which gives the next following Number.

Their Uſe exemplified in Plane Trigonometry.

Let AB repreſent a Portion of a Meridian.
ÇC a Parallel of Latitude.
Then will the Angle BAC be the Courſe or Bearing.
AC the Diſtance, AB the diff. Latitude.
BC the Departure, ACB the Complement of the Courſe.
} See Fig. R.

Plane Right Angled TRIGONOMETRY.

Caſe.	Given.	Required.	Example.	Quere.	Solution.
I.	Courſe & Diſtance.	Diff. Lat. & Depart.	BAC = $33\frac{1}{4}$ AC = 87	AB .72.7569 B 47.7015	Find the Courſe $33\frac{1}{4}$ among the Degrees at the Top of the Table, and in that Column right againſt the Diſtance 87. in its Column, ſtand the Diff. Lat. 72.7569 and Depart. 47.7015 in their Columns. But when the Diſtance cannot be found at once in the Table, divide it into ſuch Parts as can, and add the Numbers found againſt the Parts together for the Anſwer.
II.	Courſe. Diff. Lat.	Diſtance. Depart.	BAC = $34\frac{1}{4}$ AB = 73.	AC = 87.30 BC = 47.86	Find the Courſe $33\frac{1}{4}$ among the Degrees, and the Diff. Lat. 73. in its Column; right againſt which ſtand the Depart. 47.86 and Diſtance 87.30 in their Columns. But if the Diff. Lat. cannot be exactly found, take the next lower Number from it, and look for the Remainder in the ſame Column; againſt which ſtand the Remainders of the Diſt. and Depart. in their Columns.
III.	Courſe. Depart.	Diſtance. Diff. Lat.	BAC = $34\frac{1}{4}$ BC = 47.	AC = 85.72 AB = 71.69	This is ſolved as the laſt Caſe.
IV.	Diſtance. Diff. Lat.	Courſe. Depart.	AC = 87. AB = 72.	BAC = $34\frac{1}{8}$ BC = 48.84	Seek in the Table 'till againſt the Diſtance found in its Column be found the given Diff. Lat. in one of the following Columns, and adjoining it ſtands the Departure; the Courſe is found among the Degrees above the Diff. Lat. But if the Diff. Lat. cannot be exactly found againſt the Diſtance, take the next Number below the true Diff. Lat. from the next above it, and add ſuch Part of the Difference to the lower as will make it equal to the Diff. Lat. A like Part of the Difference of the two Departures *taken from* the greater will leave the true Departure; and a like Part of the Difference of the Angles in Minutes added to the leſſer Angle, will give the Courſe or very near.
V.	Diſtance. Depart.	Courſe. Diff. Lat.	AC = 87. BC = 47.	BAC = $32\frac{2}{3}$ AB = 72.21	This is ſolved as the laſt Caſe. But they may both be done by the Table uſed as Sines; thus: AC : BC : : R : Sine Courſe. 87 : 47 : : 1 : .5402 = the Sine of $32\frac{2}{3}$ And R : Diſt. : : Co. S. Cou. : Diff. Lt. 1 : 87 : : ,8415 : 73.21 Or the Root of AC□ — BC□ : = AB.
VI.	Diff. Lat. Depart.	Courſe. Diſtance.	AB = 72. BC = 47.	BAC = $33\frac{1}{8}$ AC = 85.98	Seek in the Table 'till the given Diff. Lat. and Depart. are found together in their reſpective Columns; then right againſt them will be found the Diſtance in its Column, and the Courſe above the Diff. Lat. at the Top. But if the Diff. Lat. and Depart. cannot be exactly found together, by comparing the Numbers which moſt nearly agree to them, the Courſe and Diſtance may be found or nearly. But this Caſe is better ſolved thus: The Root of AB□ + BC□. = AC = 85.98; then AC : BC : : R : S. Courſe. 85.98 : 47 : : 1. : ,5466 = the Sine of $33\frac{1}{8}$ found at the Top of the Table againſt 1. in the Diſtance Column.

Oblique Plane TRIGONOMETRY.

If a Perpendicular be let fall from one of the Angles of an Oblique Plane Triangle to the oppoſite Side, produced if need be, thence will be formed two Right Angled Triangles, by which all the Caſes of Oblique Plane Trigonometry may be ſolved as in the foregoing Caſes.

Caſe.	Given.	Required.	Solution.
I.	AC. CD. A.	C acute. D. AD.	CD : AC : : Sine A : Sine D. then Sine A : Sine C : : DC : DA. } Or calling A the Courſe, and AC the Diſtance; the Diff. Lat. AB and Depart. BC will be found by Caſe firſt of Right Angles. And making DC the Diſtance and BC the Departure, the Courſe BDC and Diff. Lat. BD, will be found *per* Caſe 5th. Then AB — DB = AD, and 180° — BDC = the Angle ADC.
II.	The Angles & AD.	AC. CD.	Sine C : Sine A : : AD : DC, and Sine C : Sine D : : AD : AC, } Or calling A the Courſe, and AD the Diſtance, AE and ED the Diff. Lat. and Depart. will be found by Caſe 1. of Right Angles; and calling C the Courſe, ED will be the Depart. whence CD the Diſtance and CE the Diff. Lat. will be found *per* Caſe 3d; then AE + EC = AC.
III.	AC. AD. A.	C. D. DC.	Calling A the Courſe and AD the Diſtance; the Diff. Lat. AE and Depart. ED are found *per* Caſe 1ſt of Right Angles, and AC — AE = EC. Then the Diff. Lat. EC and Depart. ED being known, the Courſe C and Diſtance CD are found *per* Caſe the 6th.
IV.	AC. AD. DC.	The Angles.	The longeſt Side is to the Sum of the two ſhorteſt, as the Diff. of the two ſhorteſt is to the Diff. of the Segment of the Baſe. And the Diff. of the Segments added to the Baſe, half the Sum is the greater Segment AE; then AC — AE = EC. Then calling A the Courſe, there will be given the Diſtance AD and Diff. Lat. AE to find A the Courſe. And alſo the Diſtance and Diff. Lat. CD and CE to find the Courſe or Angle C *per* Caſe 4th of Right Angles.

PROB. V.

The Altitude and Slant Diſtance given, to find the Baſe and Perpendicular.

This is done by Caſe firſt of Right Angles thus: Find the Altitude among the Degrees at the Top of the Table, and in that Column right againſt the Diſtance in its Column ſtand the horizontal Diſtance and Perpendicular in the Diff. Lat. and Departure Columns.

PROB. VI.

To begin or end a Cloſe at an inacceſſible Point, or to take inacceſſible Diſtances.

Bring the firſt Diameter to the Vernier Scale, and take the Bearing of the Object; ſcrew faſt the Inſtrument to the Ball and Socket; ſet off any convenient Angle, (a right one when practicable) meaſure a ſufficient Diſtance in that Direction; from the meaſured Line at its Extremity, take the Angle to the Object: Then are given the Angles and a Side to find the other Sides, *per* Caſe 2d of Right or Oblique Angles.

PROB.

PROB. VII.

To take an inacceſſible Height.

TAKE the Altitude by Prob. 4th, and the Diſtance of the Perpendicular by the laſt Prob. Then, having the Altitude and Baſe, the perpendicular Height is found by Caſe 2d of Right Angles.

Of PROVING *a* Survey *by the* TABLE.

AXIOM II.

IN chaining round a Field, the Sum of the Northings ought to be equal to the Sum of the Southings; and the Sum of the Eaſtings equal to the Sum of the Weſtings.

LET the following Field Book be propoſed, in which are four Columns next after the Offsets, for Northing, Southing, Eaſting and Weſting.

DRAW a Daſh acroſs the contrary Columns to each Courſe, and cloſe under it, draw another acroſs all the four Columns. Theſe two Lines are to be oppoſite to the laſt and greateſt Number in the Diſtance Column belonging to that Station.

THE firſt Bearing in the Field Book is N. W. Therefore, in the S. and E. Columns, and oppoſite to to 5, the laſt Number in the Diſtance Column of that ⊙, draw the Daſh, and cloſe below it the croſs Bar.

THE ſecond Courſe being N. E. draw the Daſh in the S. and W. Columns, and cloſe under it the croſs Bar; and thus with all the Courſes.

THE next Thing in order is to fill the Blanks with their peculiar Diff. Lat. and Depart. taken from the Table by Caſe firſt of Right Angles. Thus:

THE firſt Bearing is 14°. which find among the Degrees at the Top of the Table; and in that Column right againſt the Diſtance 5, ſtand the Diff. Lat. 4.85 and Depart. 1.21, for the N. and W. Columns being Blank. And ſo for every Courſe and Diſtance.

WHEN the Diſtance conſiſts of no more than two ſignificant Figures, as 97.00. or 9.70. or ,97, the Diff. Lat. and Depart. are found at one Inſpection; Care being taken to place the decimal Point right. But if the Diſtance conſiſt of three or more ſignificant Figures, as 112.00 11.20 1,12; then the Numbers may be taken out at twice, and added on waſte Paper.

BUT a little Practice will enable one to carry and add the Numbers together in his Mind without ſetting them on waſte Paper.

HAVING taken out the Diff. Lat. and Departure for every Courſe and Diſtance of the Cloſe and put them into their proper Columns, add the Numbers in each Column together ſeverally; if the Northings be equal to the Southings or nearly equal, and the Eaſtings equal or nearly equal to the Weſtings, the Work is allowed to be right.

BUT if not, there is an Error or Errors committed either in the Houſe or in the Field, which muſt be found out and amended before you can proceed.

AND when there is but one Error, the ingenious Practitioner will (by conſidering the Exceſs in Northing, Southing, Eaſting or Weſting, and that Bearing or Diſtance, the altering whereof would account for it,) gueſs well where to look for the ſame: But when there are two or more Errors it is impoſſible.

Of PLOTTING.

AXIOM III.

IN North Latitude chaining toward the North, and in South Latitude chaining toward the South, the Latitude increaſes; add the Diff. Lat. to the Lat. left gives the Lat. come to.

BUT in North Lat. chaining toward the South, and in South Lat. chaining toward the North, the Lat. decreaſes; *Subtract.* gives the Lat.

THE ſame is true of Longitude and Departure, (or Diff. Long.) and when the Longitude and Departure are of different Names, that is, the one Eaſt, the other Weſt, their Difference is the Longitude of the ſame Name with the greater. The ſame is true of Lat. and Diff. Lat.

THE Work being proved to be right, the next Thing to be done is to *correct* the Diff. Lat. and Depart. that is, to bring the Northings and Southings to a perfect Equality, and the Eaſtings and Weſtings alſo, which they ſeldom or never are, even in good Cloſes.

IN the firſt Cloſe of the Field Book, the Northings exceed the Southings by 2 Links; the Eaſtings are leſs than the Weſtings by 6 Links, which is noted in the Field Book, thus:

$$\begin{cases} -\text{N.} + \text{S. } 0.02. \\ +\text{E.} - \text{W. } 0.06. \end{cases}$$

and ſignifies that the two Links are to be taken from the Northings or added to the Southings, or partly both; and the ſix Links added to the Eaſtings or taken from the Weſtings, or partly both, to make them reſpectively equal.

THO' the diſpoſing of this Exceſs or Defect be a Matter of Judgment, the general Rule when there is no Reaſon to the Contrary is, to

DIVIDE the Exceſs among the comparatively ſhort Legs or leſſer Numbers in the Columns of Diff. Lat. and Depart. in Proportion to the Diſtances on Bearings nearly equal; placing always the greateſt Streſs on Bearings moſt remote from 45°.

AND put thoſe little Dividends or parts above their Diff. Lat. or Depart. with their Sign + or −.

THIS goes on the Preſumption that the Diſtances are better taken than the Bearings; which Experience ſhews to have been uſually the Caſe. (See *Noble*'s Surveying, in which the Correction of a Survey is ingeniouſly and largely handled.)

BUT if what is ſaid above of taking Bearings and of the diurnal Variation be attended to in Practice, the Corrections will be found very inconſiderable, and require to be made by ſhortening Diſtances as much as by altering Bearings; that is, by leſſening both Legs proportionably, and ſometimes the longer Leg only.

HAVING diſpoſed of the Exceſs in little Parts, proceed to find the Lat. and Long. of every Station according to Axiom 3d. Thus: Aſſign the Lat. and Long. of the firſt ⊙, ſuppoſe it = 0,00 for it is Matter of choice.

To

To the Latitude of the firſt Station add the Diff. Lat. of the firſt *Stationary* Diſtance, and put the Sum 4.85 under the firſt croſs Bar for the Lat. of the ſecond Station, againſt which it now ſtands.

To the Latitude of the 2d ⊙. 4.85 add the Diff. Lat. 7.24 of the 2d ſtationary Diſtance, placing their Sum 12.09 under the ſecond croſs Bar for the Lat. of the 3d ⊙. *&c.* ſtill adding the Diff. Lat. to the Lat. foregoing when they are of the ſame Name, and taking in the little Parts of the Exceſs by their Sign + or — as they occur.

But when the Latitude and Diff. Lat. are of different Names, ſubtract the leſſer from the greater, and put the Remainder under the croſs Bar in the ſame Column with the greater for the Lat. of the next ſucceeding ⊙ according to the Axiom.

So at ⊙ 5th the Diff. Lat. 2.16 being South, is taken from the Latitude 20.02 being North, and the Remainder 17.86 put under the croſs Bar in the N. Column for the Lat. of the 6th ⊙.

The ſame is done for the ſame Reaſon at all the ſucceeding Stations of the Cloſe, and the laſt ⊙ having its Lat. and Diff. Lat. equal, but of contrary Names, there is no Remainder, which proves the Additions and Subtractions to be right.

In the ſame Manner begin with the Departures; bring down the firſt which is Weſting 1.19 below the croſs Bar for the Longitude of the 2d ⊙; and becauſe the Depart. 3.42 next following is contrary and greater, from it take the Long. 1.19, and put the Remainder 2.23 under the croſs Bar in the Eaſt Col. for the Long. of the 3d ⊙, to which add the next Departure becauſe of the ſame Name, and put the Sum 5.75 under the croſs Bar for the Long. of the 4th ⊙, and ſo proceed in all Reſpects as with the Diff. Lat. and at the laſt ⊙ the Long. and Depart. will be found equal and contrary.

And this will always happen in ſingle or firſt Cloſes when the firſt Meridian and firſt Parallel are made to paſs thro' the firſt ⊙.

There now ſtands the Latitude and Longitude of every ⊙ under the croſs Bar oppoſite to itſelf, or in the ſame Line. By this Set of Numbers the Survey is plotted; Thus:

On large good Paper, chequered into Squares of two Inches in the Side with ſtrong Lines, and into Squares of two Tenths of an Inch in the Side with very fine Lines, aſſign the proper Point for the firſt ⊙, which, in this Caſe where the firſt Meridian and firſt Parallel are made to paſs thro' the firſt ⊙, muſt be the Interſection of two ſtrong Lines.

At the Ends of theſe two Lines write No. 0, and from thence number the other ſtrong Lines 10, 20, 30, *&c.* then is the Sheet prepared for laying down by a Scale of 5 *Gunter* Chains or 20 Perches to an Inch; one Set of theſe Parallels repreſenting Meridians, the other, Parallels of Latitude, as in a Plane Chart.

But if the Map is to be laid down by a Scale of 40 Perches to an Inch, the Capital Numbers 0, 10, 20, 30, *&c.* muſt be wrote on every 5th Line.

It is plain that every Point in the Sheet has now its peculiar Latitude and Longitude, and that this would hold if the Sheet were ever ſo large; and ſince the Lat. and Long. of every Station of the Cloſe is known, it will be eaſy to aſſign their Place on the Paper or Chart.

To begin from the firſt ⊙. (See the Specimen Map.)

Take the Latitude of the 2d ⊙ 4.85 in the Dividers, and, with one Foot in the Longitude thereof 1.19 on the firſt Parallel, ſweep Northward. Take the Longitude 1.19 in the Dividers, and, with one Foot on the firſt Meridian in the Lat. 4.85, ſweep Weſt to cut the firſt Arch in the 2d ⊙.

For Trial take the Diſtance 5 in the Dividers; if it juſt reach from the firſt to the 2d ⊙, all is right.

Join the firſt and ſecond ⊙'s with a fine penciled Line, and proceed to ſet off the Lat. and Long. of the 3d ⊙; but as its Lat. is more than 10.00, take only the Overplus 2.09 in the Dividers, and ſet it off in the Long. of the 3d ⊙ 2.23 E. from the Capital Parallel numbered to the Northward 10.

Take the Long. of the 3d ⊙ in the Dividers and ſet it off from the firſt Meridian Eaſt to cut the laſt Arch in the 3d ⊙; join the 2d and 3d ⊙'s, and thus proceed round to the firſt ⊙.

N. B. If the fine Meridians and Parallels are truly drawn, it will be ſufficient to take only the odd Links in the Dividers; and, as Paper is apt to ſhrink or ſtretch as it is dry or damp, this will be often the trueſt Way; but when the Paper and Scale exactly agree, the firſt is the eaſieſt Way.

To prepare Second or Succeeding Cloſes for PLOTTING.

Having taken out the Diff. Lat. and Depart. for every Courſe and Diſtance, and inſerted them in their proper Columns as before directed, add the Northing and Southing Columns ſeverally; take the leſſer from the greater, noting their Difference: Do the ſame with the Eaſtings and Weſtings, noting their Difference.

It is plain the firſt of theſe Remainders is the Diff. Lat. the laſt, the Depart. or Diff. Long. by Account, between the Beginning and End of the Cloſe. Call theſe the falſe Diff. Lat. and Diff. Long.

Again, look into the Field Book for the Latitudes of the Station at the Beginning, and ſtation at the End of the ſaid Cloſe: If they are of one Name, ſubtract; but if of contrary Names, add: Their Sum or Difference is the Diff. Lat. of the Beginning and End of the Cloſe.

Do the ſame with the Longitudes of the Station at the Beginning, and ⊙ at the End of the Cloſe; the Sum or Difference will be the Diff. Long. of thoſe Stations. Call theſe the true Diff. Lat. and Diff. Long.

If the true and falſe Diff. Lat. are equal or nearly equal, and the true and falſe Diff. Long. nearly equal, the Work is eſteemed right: Then proceed to make the Corrections as directed in the firſt Cloſe.

EXAMPLE. *In the ſecond Cloſe.*

BEGAN at ⊙ firſt of firſt Cloſe, Lat. - - 0.00 N. Long. 0.00.
ENDED at ⊙ 7th of ditto, - - Lat. - - 6.19 N. and Long. 19.12 Eaſt.

True Diff. Lat. - - 6.19 N. and Diff. Long. 19.12 E
Falſe Diff. Lat. - 6.20 N. and Diff. Long. 19.08 E.

Error too much - - 0.01 N. Error too little 0.04 E.

WHICH Error is noted in the Field Book as before, and is diſperſed in the Columns of Diff. Lat. and Depart. as directed, in order to make a perfect Cloſe.

THEN proceed to find the Lat. and Long. of every Station by Addition and Subtraction in all Reſpects as in the firſt Cloſe; and as this Cloſe ends at ⊙ 7th of the firſt; the laſt Lat. and Long. will be the Lat. and Long. of that ⊙.

THUS in all Reſpects are all ſucceeding Cloſes prepared.

THE Method of Plotting preſcribed in the firſt Cloſe, is univerſal.

THUS the Survey of an Eſtate or of a Country, may be carried on with the greateſt Regularity, and a little Practice will make it very delightful, and ſufficiently ſpeedy.

WHEN a Map is laid down by this Method, it is vaſtly eaſier caſt up by numbering the little Squares, and generally truer than in any other Way, except Calculation, for it is rather laid down by Number than Dimenſions; therefore, the ſtretching or ſhrinking of the Paper has no effect on the *Content* found by counting.

Of CALCULATION.

LEMMA.

EVERY Four-ſided Figure having two of its Sides parallel and a third perpendicular to them, is equal to half the Rectangle made of the Sum of the parallel Sides drawn into the perpendicular Side.

FIG. 2.

PRODUCE the parallel Sides AB and DC, and make BE equal to DC, and CF equal to AB; draw EF, which (becauſe AE and DF are equal and parallel) will be equal and parallel to AD, and the Side BC being common, the two Figures AC and FB are ſimilar and equal.

BUT the whole Parallelogram AF, when it is rectangular, is made of the Sum of the parallel Sides AB + DC (BE) drawn into the Perpendicular AD; the Figure AC is therefore its Half.

COR. I.

HENCE the Area of a Field may be found by Offſets, taken from a right Line paſſing either beſide or thro' the ſame, to the Angles thereof.

FOR, *In Fig.* 3.

[illegible]LF the Rectangle A*a* + B*b* × AB = the Fig. A*ab*BA.

[illegible]D Half the Rectangle B*b* + C*c* × BC = the Fig. B*bc* CB.

[illegible]GAIN Half the Rectangle C*c* + D*d* × CD = the Figure C*cd*DC.

AND Half the Rectangle D*d* + A*a* × DA = the Figure D*da*AD.

THE two firſt Figures or Areas, taken from the two laſt, leaves the Area of the Field *abcda*.

IN Fig. 4. Half of A*a* + B*b* × AB = the Area A*ab*BA.
Half of C*c* + D*d* × CD = the Area C*cd*DC.
Half of C*c* × C*x* = the Triangle C*xc*.
Half of D*d* × D*z* = the Triangle D*dz*.

FROM theſe four Areas take the two Triangles A*za* and B*xb*; there remains the Area of the Field *abcda*.

COR. II.

HENCE the Inveſtigation of the Method of calculating the Areas of Right-lined Figures Trigonometrically.

FOR if the Line N. S. be a firſt Meridian, the Offsets will be the Longitudes of the Angles or Stations of the Field; the Segments, of the Meridian, the Diff. Lat. of the ſtationary Diſtances reſpectively; and are all found by Caſe firſt of Right Angled Trigonometry, as is already ſhewn at large.

CASE I. *When the firſt Meridian paſſes beſide the Map.*

THEOREM I.

IF Half the Rectangles made by multiplying the Sum of the Longitudes of every two adjacent Stations into their Diff. Latitudes be taken; the Difference between the Sum of the North, and the Sum of the South Areas, will be the Area of the Map.

FIG. 3.

LET *abcda* be the Map whoſe Area is required; *a* the firſt ⊙, *b* the ſecond ⊙, *&c.* and N. S. the firſt Meridian paſſing on the Weſt Side of the Map: Then are the Perpendiculars drawn from the ſeveral Stations to this Line the Longitudes, and the Segments of the Line the Diff. Lat. of the Stations; of which AB and BC are Northings; CD and DA Southings.

HALF the Rectangle of the Northing AB into the Longitudes A*a* and B*b* = the Area A*ab*BA; and Half the Rectangle of the Northing BC into the Longitudes B*b* and C*c* = the Area B*bc*CB. The Sum of theſe Areas is the whole North Area A *abc* CA.

AGAIN, Half the Rectangle of the Southing CD into the Longitudes C*c* and D*d* = the Area C*cd*DC.

AND Half the Rectangle of the Southing DA into the Longitudes D*d* and A*a* = the Area D*da*AD. The Sum of theſe Areas is the whole South Area C*cda*AC.

THE North Area A*abc*CA taken from the South Area C*cda* leaves the Area of the Map *abcda*. Q. E. D.

The Theorem demonſtrated in a more complicated Figure.

FIG. 5.

HALF the Rectangles of the ſeveral Southings into the Longitudes, make the Figure B*bcdefa*AB + D*dc* CD + F*fe*EF.

And Half the Rectangles of the ſeveral Northings into the make the Figure A*ab*BA + D*dc*CD + F*fe*EF: The firſt leſs, the laſt=

Or, the Figures D*dc*CD and F*fe*EF being common, A*ab*BA tak B*bcdefa*AB, leaves *abcdefa* the Area of the Map. Q. E. D.

L E M M A. (*Fig.* 6.)

If a ſtationary Line croſs the Meridian, Half the Rectangle made by mu tiplying the Difference between the Eaſt and Weſt Longitudes into the Diff. La will be the Quantity by which the Survey is increaſed or diminiſhed.

Let *ag* be the ſtationary Line, A*a* and *gz* the Longitudes; make *ax* equal to *gz*: Then is A*x* the Diff. of the Longitudes, and A*z* the Diff. Lat. Compleat the Parallelogram *zx*.

It is plain, that when the Triangle *gzy* lies within the Figure, the Triangle *a*A*y* will lie without; and the contrary: Their Difference therefore is the Quantity by which the Area is increaſed or diminiſhed.

But by ſimilar Triangles *zu* or *u*A, is the Difference of thoſe Triangles: But *zu* and *u*A, are Halves of the Rectangle made of the Diff. Lat. A*z* into the Diff. of the Longitudes A*x*. Q. E. D.

C O R.

If the greater Longitude lies within the Figure, the Semirectangle is to be added to; if without, ſubtracted from, the Area.

Case II. *When the firſt Meridian paſſes thro' the Map.*

T H E O R E M II. (*Fig.* 7.)

East Longitude multiplied into Southings, and West Longitude multiplied into Northings; from the Sum of their Semirectangles, take the contraries; that is, the Semirectangles of East Longitude into Northings, and West Longitude into Southings: The Remainder is the Area of the Map.

The Semirectangle of the Southing BA into the East Longitude B*d* and A*a*=the Area B *da* AB.

The Semirectangle of the Northing *z*G into the West Longitudes G*c* and *zb*=the Area G*cbz*G.

From the Sum of theſe Areas (by Cor. to the Lemma) take the Semirectangle A*u* of the East Longitude A*x* into the Northing A*z*; and the Semirectangle G*r* of the West Longitude G*k* into the Southing GB.

The Remainder is the Area of the Survey *adcba*. Q. E. D.

R E M A R K.

The two Theorems ſuppoſe the Field kept on the Right-hand in the Survey; but ſuppoſing the Contrary, the Theorems reverſed will be true.

For, becauſe the Diff. Lat. changes its Name, the Products, which were before North Areas, will now become South, and the South Areas, North.

P R O B L E M.

From the Field Notes prepared for Plotting, to find the Area of Ground by Calculation:

On the Right-Hand of the Columns of Diff. Lat. and Depart. in the Field Book, are four large Columns; the firſt marked D. Long. for the Sum of every two adjacent Longitudes; the ſecond marked N. Area for the North or Negative Areas; the third marked S. Area for the South Areas or Products; the fourth for Offsets.

The Numbers in the D. Long. Column, are formed from the Longitudes of the Stations, exactly in the ſame Manner in which the Longitudes themſelves were formed from the Departures, and the Latitudes from the Diff. Lat.

THAT is, by adding or ſubtracting every two adjacent Longitudes as they are like or unlike; and putting their Sum or Difference juſt at the End of the croſs Bar above the lowermoſt of the two. And ſince the Work is the ſame in finding the Lat. Long. and Dou. Long. this ſhort Rule may be uſeful in all.

RULE. When like, add. When unlike, ſubtract.

EXAMPLE.

IN the firſt Cloſe of the Field Book, the Long of the firſt Station is 0.00 to which add the Longitude of the 2d Station, 1.19 and put the Sum 1.19 at the End of the croſs Bar in a Line with the 2d Station with the Letter W. to the Right of it, becauſe it is Weſt Longitude.

AGAIN, the Long. of the 3d Station being unlike and greater, from it ſubtract the Long. of the 2d Station, placing the Diff. 1.04 at the End of the croſs Bar in a Line with the 3d Station with its initial Letter E. becauſe it is Eaſt Longitude.

ADD the Longitudes of the 3d and 4th Stations together, becauſe like or of the ſame Name, or in the ſame Column. And ſo to the End of the Cloſe.

ON waſte Paper take out theſe Numbers ſeverally as they ſtand, and multiply each into the Diff. Lat. in the ſame Line with itſelf, and place the Product in the ſame Line with them in the N. Area or S. Area Column, by the following Rule, deduced from the Theorems and Remark.

The Survey taken with the Field on the Right-hand.

RULE.

WHEN the Longitude is EAST, put the Products in their *proper* Columns; but when WEST, in their *contrary* Columns.

THAT is E. × N. in the N. Area Column.
AND - - E. × S. in the S. Area Column.
BUT - - W. × N. in the S. Area Column.
AND - - W. × S. in the N. Area Column.

THE Difference of theſe Columns is double the Area of the Map or Cloſe.

The Field kept on the Left-hand.

RULE.

WHEN the Longitude is EAST, put the Products in their *contrary* Columns; but when WEST, in their *proper* Columns. Or ſhorter:

$$\text{Right}\left\{\begin{array}{l}\text{EAST } \textit{proper.}\\ \text{WEST } \textit{contrary.}\end{array}\right. \qquad \text{But Left}\left\{\begin{array}{l}\text{EAST } \textit{contrary.}\\ \text{WEST } \textit{proper.}\end{array}\right.$$

IN the firſt Cloſe of the Field Book, the firſt Product is of Weſt Longitude into Northing, and is by the Rule put in its contrary Column, to wit, The South Area Column.

ALL the reſt being of Eaſt Longitude into Northings, or Eaſt Longitude into Southings, are put in their proper Columns.

THE Area Columns added ſeverally, their Diff. is double the Area of the Cloſe.

To Half of which add the Offſets as their Sign + or — directs: The Sum is the Area of the Survey.

N.B. THE Offſets of ſtationary Diſtances, which are common to two Cloſes, muſt be totalled by themſelves; and the Sum with its Sign + or — put into the Offſet Column oppoſite to them.

Of ſecond or ſucceeding Cloſes.

THE four large Columns of D. Long. N. Area, S. Area and Offſets, are filled in all Reſpects as in the firſt Cloſe. But when they are thus filled, it

is

is only Part of a Cloſe that is had; the reſt whereof lies in ſome other Cloſe or Cloſes.

As in the ſecond Cloſe of this Field Book, it was met with at the 7th Station of the firſt Cloſe, and lay two ſtationary Diſtances along it.

The peculiar Areas of theſe Lines are brought to the ſecond Cloſe, and put in their contrary Columns by the Rule; as are all the other Areas of this Cloſe for the ſame Reaſon: That is, becauſe taken Left-hand Ways in the Surround.

The Area Columns added ſeverally, Half their Difference is the Area of the Cloſe, as before.

The Offsets of the two ſtationary Lines which lay in the firſt Cloſe, are alſo brought over and put in the Offset Column, but with contrary Signs to what they had in that Cloſe, and added with the other Offsets of the Cloſe, which put to the Area of the Cloſe as their Sign + or — directs, the total is the Area of the Survey.

In the third Cloſe, began at Station 5th of laſt, and ended at Station 6th of firſt Cloſe, Part being taken on the Right-hand, and Part on the Left in the Field; the Areas are collected and put in their *proper* or *contrary* Columns, as the Rule directs.

But *Note*, That Areas as well as Offsets, brought from other Cloſes, may be put into the contrary Column to that in which they ſtood in their firſt Cloſe, without conſidering the Rule: Becauſe two Cloſes cannot but lie on contrary Sides of a common Line.

N. B. It makes no Odds in the Plotting or in the Calculation how the Survey is taken, whether in large Cloſes firſt, and then in leſſer ones, or in the ſmalleſt, that are neceſſary from the Beginning: For every meaſured Line is to be plotted or caſt up once, and only once.

In ſurveying Demeſne Lands, Town Parks; Or various Diſtinctions of Arable Paſture, Bog, *&c.* in the ſame Farm, it is needleſs to chain every internal or ſubdividing Line; they are often as well taken by Bearings, Offsets, or other Remarks, as is uſual in Practice.

But theſe Sub-diviſions or Particulars cannot then be caſt up always by Calculation ſingularly.

Yet, when a Cloſe, the Area whereof is determined by Calculation, conſiſts of a Number of Sub-diviſions: If theſe are accurately caſt up by counting the little Squares or otherwiſe; and the Difference between their Total and the Area by Calculation, divided among the Patticulars in Proportion to their Content, they are in effect done by Calculation.

To prove the Calculation of a Cloſe.

Add or ſubtract every two adjacent Latitudes in the ſame Manner that the Longitudes are here, and draw them into their intercepted Departure: They will produce the ſame Area.

And the Latitudes might be univerſally uſed inſtead of the Longitudes; but I have preferred the Longitudes, becauſe they ſtand next the outer Side in the Columns, which makes them eaſier added together.

Thus may the Calculation of an Eſtate or of a Country be carried on with the greateſt Eaſe and Expedition.

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NOVEMBER 7th, 1768. *A* SURVEY *of* Moyle-Moſs, *in the Pariſh of*

No. Stat.	Bearings.	Left-hand Offsets, &c.	Diſt.	Right-hand Offsets, &c.	N.	S.	E.	W.
1	N. W. 14	Moyle.	.000	.05 Black Park.	0.00	000	000	000
			3.00	0.30				
			5.00	.10	4.85			—2 1.21
2	N. E. 25¼		0	.10	4.85			1.19
			1.50	.30 to Cabbin,				
			2.60	1.10.			+1	
			8.00	.12	7.24		3.41	
3	N. E. 85		0	.15	12.09		2.23	
			3.53	.05.	—1 .31		3.52	
4	N. E. 61¼				12.39		5.75	
			16-00		7.63		14.06	
5	S. E. 44		0	.30	20.02		19.81	
			3.00	.06 Avenue,		2.16	2.08	
—.6	S. W. 13½	.06	0		17.86		21.89	
		.40	12.00	into middle Park.		11.67		—3 2.80
—.7	S. W. 79½		0	.30	6.19		19.12	
			9.76	.10		+1 1.78		2.60
8	S. W. 65¼	Hilferly's Park.	.00	.30	4.40		9.52	
Cloſe at	Stat. firſt.		10.48	.54		4.40		952
		Leave about an Inch of waſte Paper between every two Cloſes in the Field Work.		— N. + S. 0.02 + E. — W. 0.06	000	000	000	000
Proceed	from Stat.	firſt of laſt Cloſe .05	0.00	John Thomſon's.	0.00	000	000	000
1	S. E. 46.	along the Road. .05	10.00			6.95	7.19	
2	S. E. 14½	.12	1,00			6.95	7.19	
		.05	4.50				+1	
			5.00			4.84	1.25	
3	N. E. 70	.50	0.00			11.79	8.45	
			57	0				
			1.70	1.70.				

Double Long.	N. Area.	S. Area.	Offſets.	
1.19 W.		5.7715	—1.8500	
1.04 E.	7.5296		—9.7080	
7.98 E.	2.3940		—0.7060	
25.56	195.0228			
41.70		90.0720	—1.0800	
41.01		478.5867	+5.5200	
28.64		51.2656	—3.9040	
9.52		41.8880	—8.9080	
	204.9464	667.5838	—20.6360	The double Offſets.
		204.9464	—10.318	
		462.6374	= D. Area.	
	Area of the Cl.	23.13187		
	Offſets - - -	— 1.03180		
	Area of Survey	22.10007		
7.19 E.	49.9705			
15.64	75.6976			

If the Field Book be large Quarto, it will admit of Waſte enough in this Place, for caſting up the Areas of the Cloſe.

The Offſets will be done better on looſe Paper.

Sometimes it is convenient to drop the Field Work of a Cloſe to take a Bog, a Park, or other Thing, and to return immediately again; ſuch, by Work. may be circumſcribed as Parentheſis; and, if it be intended to be laid down by the Tables, let the Parentheſis take in the Columns of diff. Lat. and Departure, otherwiſe not.

In large Surveys, let the Latitude and Longitude of the firſt Station be aſſigned ſo as to caſt the prime Meridian and prime Parallel about the Centre of the Lands.

No Stat.	Bearings.	Left-hand Offsets, &c.	Dist.	Right-hand Offsets, &c.	N.	S.	E.	W.
			3.00	o. Brook Caſt. Conym.				
		.20	4.					
		.32	5.					
			6.20	o	+ 1			
		Middle Park.	7.60	.54	2.70		7.43	
4	N. E. 18.	Vari.				9 08	15.88	
			5.00	Avenue.			+ 1	
					4.76		1.55	
— .5	N. E. 9					4.32	17.44	
			0	.00				
							+ 2	
Cloſe at	Stat. 7th	of laſt Cloſe.	10.64	.40	10.51		1.66	
					6.19		19.12	
				+ N. — S. 0.01 + E. — W. 0.04				
Return to	Stat. 5th	of laſt Cloſe.	0.00			4.32	17.44	
1	S. E. 77		2.00	.20				
		Sluice Park.	4.37	.05		.98	4.26	
2	S. W. $4\frac{1}{4}$		1.50			5.30	21.70	
				.70				
				0				— 1
			3.60			3.59		27
3	E. —		1.00	,90		8.89	21.44	
			3.00	.20				
			10.25	.50		+ 2	10.25	
4	N. E. $4\frac{1}{4}$					8.91	31.70	
		.0	0.00					
		Bullock Park N. W. .70	3.70	SEA.				
		$76\frac{1}{2}$ to Avenue.	5.76					
		Horſe Iſle Park o	9				+ 1	
		N. W. 78. .43	12.39	to Avenue.	12.35		.99	
5	N.W. $16\frac{1}{2}$				3.44		32.67	
			1.50	o				
			2.50	.20				
			7.00	.00	6.71			1.0
6	N.W. $48\frac{3}{4}$				10,15		30.71	
		.0	.40	{ — N. + S. 0.02 + E. — W. 0.02				
		.80	1.40					
		.90	2.70		7.71			8.7
		.00	3.50		17.86		21.89	
			4.65	1.63				
		Avenue.	6.44					
			7.15	1.40				
			7.60	o.				
	Cloſe at	Stat. 6th of firſt Cloſe.	11.69					

Double Long.	N. Area.	S. Area.	Offsets.	
				The Book, Folio, Cloſe and Station where yon begin, and where you end a Cloſe, is punctually to be quoted; or at leaſt thoſe Stations ſo well deſcribed as to be readily found.
24.33		66.0343		
33.32		158.6032		
			+2.4900	
			+4.2560	
36.56		384.2456	+12.8120	Brought from the firſt Cloſe.
	125.6681	608.8831		
Brought from	1ſt 93.1536	—218.8217	+19.5580	Double Offſets.
	218.8217	390.0614	Double Area.	
		+19.5580	Double Offſets.	
		409.6194		
Area of the	Survey	20.48097		
39.14 E.	38.3572			
43.14	154.8726			
	478.5867	Brought from	firſt Cloſe.	
53.14		1.0628		
Brought from	384.2456	laſt Cloſe.		
			+8.4300	
64.37		794.9695	—4.2560	Brought from the laſt Cloſe.
			—5.5200	Brought from the laſt Cloſe.
63.38		425.2798		
52.59		405.4689		
	1056.0621	1626.7810	—1.346	Double of the Offſets.
Double Offſets	1.3460	1057.4081		
	1057.4081	569.3729		
		28.468645	= Area of the Survey.	

No.	¼	89¾	½	89¼	¾	89¼
1	1.0000	,0044	1.0000	0.0087	,9999	,0131
2	2.0000	,0087	1.9999	,0175	1.9998	,0262
3	3.0000	,0131	2.9999	,0262	2.9997	,0393
4	4.0000	,0175	3.9998	,0349	3.9997	,0524
5	5.0000	,0218	4.9998	,0436	4.9996	,0654
6	5.9999	,0262	5.9998	,0524	5.9995	.0785
7	6.9999	,0305	6.9997	,0611	6.9994	,0916
8	7.9999	,0349	7.9997	,0698	7.9993	,1047
9	8.9999	,0393	8.9997	,0785	8.9992	,1178
10	9.9999	,0436	9.9996	,0873	9.9991	,1309
11	10.9999	,0480	10.9996	,0960	10.9991	,1440
12	11.9999	.0524	11.9995	,1047	11.9990	,1571
13	12.9999	,0567	12.9995	,1134	12.9989	,1702
14	13.9999	,0611	13.9995	,1222	13.9988	,1833
15	14.9999	,0654	14.9994	,1309	14.9987	,1963
16	15.9998	,0698	15.9994	,1396	15.9986	,2094
17	16.9998	,0742	16.9994	,1484	16 9985	,2225
18	17.9998	,0785	17.9993	,1571	17 9985	,2356
19	18.9998	,0829	18.9993	,1658	18.9984	,2487
20	19.9998	,0873	19.9992	,1745	19.9983	,2618
21	20.9998	,0916	20.9992	,1833	20.9982	,2479
22	21.9998	,0960	21.9992	,1920	21.9981	,2880
23	22.9998	,1004	22.9991	,2007	22.9980	,3011
24	23.9998	,1047	23.9991	,2094	23.9979	,3142
25	24.9998	‘1091	24.9990	,2182	24.9979	,3272
26	25.9998	,1134	25.9990	,2269	25.9978	,3403
27	26.9997	,1178	26.9990	,2356	26.9977	,3534
28	27.9997	,1222	27.9989	,2443	27.9976	,3665
29	28.9997	,1265	28.9989	,2531	28.9975	,3796
30	29.9997	,1309	29.9989	,2618	29.9974	,3927
31	30.9997	,1353	30.9988	,2705	30.9973	,4058
32	31.9997	,1396	31.9988	,2792	31.9973	,4189
33	32.9997	,1440	32.9987	,2880	32.9972	,4320
34	33.9997	,1484	33.9987	,2967	33.9971	,4450
35	34.9997	,1527	34.9987	,3054	34.9970	,4581
36	35.9997	,1571	35.9986	,3142	35.9969	,4712
37	36.9996	,1614	36.9986	,3229	36.9968	,4883
38	37.9996	,1658	37.9986	,3316	37.9967	,4974
39	38.9996	,1702	38.9985	,3403	38.9967	,5105
40	39.9996	,1745	39.9985	,3491	39.9966	,5236
41	40.9996	,1789	40.9984	,3578	40.9965	,5367
42	41.9996	,1833	41.9984	,3665	41.9964	,5498
43	42.9996	,1876	42.9984	,3752	42.9963	,5629
44	43.9996	,1920	43.9983	,3840	43.9962	,5759
45	44.9996	,1963	44.9983	,3927	44.9961	,5890
46	45.9996	,2007	45,9982	,4014	45.9961	,6021
47	46.9995	,2052	46.9982	,4101	46.9960	,6152
48	47.9995	,2094	47.9982	,4189	47.9959	,6283
49	48.9995	,2138	48.9981	,4276	48.9958	,6414
50	49.9995	,2182	49.9981	,4363	49.9957	,6545

N°	¼	89¾	½	89½	¾	89¼
5	50.9995	,2225	50.9981	,4451	50.9956	,6676
5	51.9995	,2269	51.9980	,4538	51.9955	,6807
5	52.9995	,2313	52.9980	,4625	52.9955	,6937
54	53.9995	,2356	53.9979	,4712	53.9954	,7068
55	54.9995	,2400	54.9979	,4800	54.9953	,7199
56	55.9995	,2443	55.9979	,4887	55.9952	,7330
57	56.9995	,2487	56.9978	,4974	56.9951	,7461
58	57.9994	,2531	57.9978	,5061	57.9950	,7592
59	58.9994	,2574	58.9978	,5149	58.9949	,7723
60	59.9994	,2618	59.9977	,5236	59.9949	,7854
61	60.9994	,2662	60.9977	,5323	60.9948	,7985
62	61.9994	,2705	61.9976	,5410	61.9947	,8116
63	62.9994	,2749	62.9976	,5498	62.9946	,8246
64	63.9934	,2793	63.9976	,5585	63.9945	,8377
65	64.9994	,2836	64.9975	,5672	64.9914	,8508
66	65.9994	,2880	65.9975	,5759	65.9943	,8639
67	66.9994	,2923	66.9974	,5847	66.9943	,8770
68	67.9994	,2967	67.9974	,5934	67.9942	,8901
69	68.9993	,3011	68.9974	,6021	68.9941	,9032
70	69.9993	,3054	69.9973	,6100	69.9940	,9163
71	70.9993	,3098	70.9973	,6196	70.9939	,9294
72	71.9993	,3142	71.9973	,6283	71.9938	,9425
73	72.9993	,3185	72.9972	,6370	72.9937	,9555
74	73.9993	,3229	73.9972	,6458	73.9937	,9686
75	74.9993	,3272	74.9971	,6545	74.9936	,9817
76	75.9993	,3316	75.9971	,6632	75.9935	,9948
77	76.9993	,3360	76.9971	,6719	76.9934	1,0079
78	77.9993	,3403	77.9970	,6807	77.9933	1.0210
79	78.9992	,3447	78.9970	,6894	78.9932	1.0341
80	79.9992	,3491	79.9970	,6981	79.9931	1.0472
81	80.9992	,3534	80.9969	,7068	80.9931	1.0603
82	81.9992	,3578	81.9969	,7156	81.9930	1.0733
83	82.9992	,3622	82.9968	,7243	82.9929	1.0864
84	83.9992	,3665	83.9968	,7330	83.9928	1.0995
85	84.9992	,3709	84.9968	,7418	84.9927	1.1126
86	85.9992	,3752	85.9967	,7505	85.9926	1.1257
87	86.9992	,3796	86.9967	,7592	86.9925	1.1388
88	87.9092	,3840	87.9966	,7679	87.9925	1.1519
89	88.9992	,3883	88.9966	,7767	88.9924	1.1650
90	89.9991	,3927	89.9966	,7854	89.9923	1.1781
91	90.9991	,3971	90.9965	,7941	90.9922	1.1912
92	91.9991	,4014	91.9965	,8028	91.9921	1.2042
93	92.9991	,4058	92.9965	,8116	92.9920	1.2173
94	93.9991	,4102	93.9964	,8203	93.9919	1.2304
95	94.9991	,4145	94.9964	,8290	94.9919	1.2435
96	95.9991	,4189	95.9963	,8377	95.9918	1.2566
97	96.9991	,4232	96.9963	,8465	96.9917	1.2697
98	97.9991	,4276	97.9963	,8552	97.9916	1.2828
99	98.9991	,4320	98.9962	,8639	98.9915	1.2959
100	99.9991	,4363	99.9962	,8727	99.9914	1.3090

No	1	89	1¼	88¾	1½	88½	1¾	88¼
1	,9998	,0175	.999	,0218	,9997	,0262	,9995	,0305
2	1.9997	,0349	1.9995	,0436	1.9993	,0524	1.9991	,0611
3	2.9995	,0524	2.9993	,0654	2.9990	,0785	2.9986	,0916
4	3.9994	,0698	3.999	,0873	3.9986	,1047	3.9981	,1222
5	4.9992	,0873	4.9988	,1091	4.9983	,1309	4.9977	,1527
6	5.9991	,1047	5.9986	,1309	5.9979	,1571	5.9972	,1832
7	6.9989	,1222	6.998	,1527	6.9976	,1832	6.9967	,2138
8	7.9988	,1396	7.9981	,1745	7.9973	,2094	7.9963	,2443
9	8.9986	,1571	8.9979	,1963	8.9969	,2356	8.9958	,2748
10	9.9985	,1745	9.9976	,2181	9.9966	,2618	9.9953	,3054
11	10.9983	,1920	10.9974	,2400	10.9962	,2879	10.9949	,3359
12	11.9982	,2094	11.9971	,2618	11.9959	,3141	11.9944	,3665
13	12.9980	,2269	12 9969	,2836	12.9955	,3403	12 9939	,3970
14	13.9979	,2443	13.9967	,3054	13.9952	,3665	13.9935	,4275
15	14.9977	,2618	14.9964	,3272	14.9949	,3927	14.9930	,4581
16	15.9976	,2792	15.9962	,3490	15.9945	,4188	15.9925	,4886
17	16.9974	,2967	16.9960	,3709	16.9942	,4450	16.9921	,5192
18	17.9973	,3141	17.9957	,3927	17.9938	,4712	17.9916	,5497
19	18.9971	,3316	18.9955	,4145	18.9935	,4974	18.9911	,5802
20	19.9970	,3490	19.9952	,4363	19.9931	,5235	19.9907	,6108
21	20.9968	,3665	20.9950	,4581	20.9928	,5497	20.9902	,6413
22	21.9966	,3840	21.9948	,4799	21.9925	,5759	21.9897	,6718
23	22 9965	,4014	22.9945	,5017	22.9921	,6021	22.9893	,7024
24	23.9963	,4189	23.9943	,5236	23.9918	,6282	23.9888	,7329
25	24.9962	,4363	24.9941	,5454	24.9914	,6544	24.9883	,7635
26	25.9960	,4538	25.9938	,5672	25.9911	,6806	25.9879	,7940
27	26.9959	,4712	26.9936	,5890	26.9907	,7068	26.9874	,8245
28	27.9957	,4887	27.9933	,6108	27.9904	,7330	27,9869	,8551
29	28.9956	,5061	28.9931	,6326	28.9901	,7591	28.9865	,8856
30	29.9954	,5236	29.9929	,6544	29.9897	,7853	29.9860	,9162
31	30.9953	,5410	30.9926	,6763	30.9894	,8115	30.9855	,9467
32	31.9951	,5585	31.9924	,6981	31.9890	,8377	31.9851	,9772
33	32 9950	,5759	32.9921	,7199	32.9887	,8638	32.9846	1.0078
34	33,9948	,5934	33.9919	,7417	33.9883	,8900	33.9841	1.0383
35	34.9947	,6108	34.9917	,7635	34.9880	,9162	34.9837	1.0688
36	35.9945	,6283	35.9914	,7853	35.9877	,9424	35.9832	1.0994
37	36.9944	,6457	36.9912	,8072	36.9873	,9685	36.9827	1.1299
38	37.9942	,6632	37.9910	,8290	37.9870	,9947	37.9823	1.1605
39	38.9941	,6806	38.9907	,8508	38.9866	1.0209	38.9818	1.1910
40	39.9939	,6981	39.9905	,8726	39.9862	1.0471	39.9813	1.2215
41	40.9938	,7155	40.9902	,8944	40.9859	1.0733	40.9809	1.2521
42	41.9936	,7330	41.9900	,9162	41.9856	1.0994	41.9804	1.2826
43	42.9935	,7505	42.9898	,9380	42.9853	1.1256	42.9799	1.3132
44	43.9933	,7679	43.9895	,9599	43.9849	1.1518	43.9795	1.3437
45	44.9931	,7854	44.9893	,9817	44.9846	1.1780	44.9790	1.3742
46	45.9930	,8028	45.9891	1.0035	45.9842	1.2041	45.9785	1.4048
47	46.9928	,8203	46.9888	1.0253	46.9839	1.2303	46.9781	1.4353
48	47.9937	,8377	47.9886	1.0471	47.9836	1.2565	47.9776	1.4658
49	48 9925	,8542	48.9883	1.0689	48.9832	1.2827	48.9771	1.4964
50	49.9924	,8726	49.9881	1.0907	49.9829	1.3088	49.9767	1.5269

No.	1	89	1¼	88¾	1½	88½	1¾	88¼
51	50.9922	,8901	50.9879	1.1126	50.9825	1.3350	50.9762	1.5575
52	51.9921	,9075	51.9876	1.1344	51.9822	1.3612	51.9757	1.5880
53	52.9919	,9250	52.9874	1.1562	52.9818	1.3874	52.9753	1.6185
54	53.9918	,9424	53.9871	1.1780	53.9815	1.4136	53.9748	1.6491
55	54.9916	,9599	54.9869	1.1998	54.9812	1.4397	54.9743	1.6796
56	55.9915	,9773	55.9867	1.2216	55.9808	1.4659	55.9739	1.7102
57	56.9913	,9948	56.9864	1.2434	56.9805	1.4921	56.9734	1.7407
58	57.9912	1.0122	57.9862	1.2653	57.9801	1.5183	57.9729	1.7712
59	58.9910	1.0297	58.9860	1.2871	58.9798	1.5444	58.9725	1.8018
60	59.9909	1.0471	59.9857	1.3089	59.9794	1.5706	59.9720	1.8323
61	60.9907	1.0646	60.9855	1.3307	60.9791	1.5968	60.9715	1.8628
62	61.9906	1.0820	61.9852	1.3525	61.9788	1.6230	61.9711	1.8934
63	62.9904	1.0995	62.9850	1.3743	62.9784	1.6491	62.9706	1.9239
64	63.9903	1.1170	63.9848	1.3962	63.9781	1.6753	63.9702	1.9545
65	64.9901	1.1344	64.9845	1.4180	64.9777	1.7015	64.9697	1.9850
66	65.9899	1.1519	65.9843	1.4398	65.9774	1.7277	65.9692	2.0155
67	66.9898	1.1693	66.9841	1.4616	66.9770	1,7539	66.9688	2.0461
68	67.9896	1.1868	67.9838	1.4834	67.9767	1.7800	67.9683	2.0766
69	68.9895	1.2042	68.9836	1.5052	68.9764	1.8062	68.9678	2.1072
70	69.9893	1.2217	69.9833	1.5270	69.9760	1.8324	69.9674	2.1377
71	70.9892	1.2391	70.9831	1.5489	70.9757	1.8586	70.9669	2.1682
72	71.9890	1.2566	71.9829	1.5707	71.9753	1.8847	71.9664	2.1988
73	72.9889	1.2740	72.9826	1.5925	72.9750	1.9109	72.9660	2.2293
74	73.9887	1.2915	73.9824	1.6143	73.9746	1.9371	73.9655	2.2598
75	74.9886	1.3089	74.9822	1.6361	74.9743	1.9633	74.9650	2.2904
76	75.9884	1.3264	75,9819	1.6579	75.9740	1.9894	75.9646	2.3209
77	76.9883	1.3438	76.9817	1.6797	76.9736	2.0156	76.9641	2.3515
78	77.9881	1.3613	77.9814	1.7016	77.9733	2.0418	77.9636	2.3820
79	78.9880	1.3787	78.9812	1.7234	78.9729	2.0680	78.9632	2.4125
80	79.9878	1.3962	79.9810	1.7452	79.9726	2.0942	79.9627	2.4431
81	80.9877	1.4136	80.9807	1.7670	80.9722	2.1203	80.9622	2.4736
82	81.9875	1.4311	81.9805	1.7888	81.9719	2.1465	81.9618	2.5042
83	82.9874	1.4485	82.9802	1.8106	82.9716	2.1727	82.9613	2.5347
84	83.9872	1.4660	83.9800	1.8325	83.9712	2.1989	83.9608	2.5652
85	84.9871	1.4835	84.9798	1.8543	84.9709	2.2250	84.9604	2.5958
86	85.9869	1.5009	85.9795	1.8761	85.9705	2.2512	85.9599	2.6263
87	86.9867	1.5184	86.9793	1.8979	86.9702	2.2774	86.9594	2.6568
88	87.9866	1.5358	87.9791	1.9197	87.9698	2.3036	87.9590	2.6874
89	88.9864	1.5533	88.9788	1.9415	88.9695	2.3297	88.9585	2.7179
90	89.9862	1.5707	89.9786	1.9633	89.9692	2.3559	89.9580	2.7485
91	90.9861	1.5882	90.9783	1.9852	90.9688	2.3821	90.9576	2.7790
92	91.9860	1.6056	91.9781	2.0070	91.9685	2.4083	91.9571	2.8095
93	92.9858	1.6231	92.9779	2.0288	92.9681	2.4345	92.9566	2.8401
94	93.9857	1.6405	93.9776	2.0506	93.9678	2.4606	93.9562	2.8706
95	94.9855	1.6580	94.9774	2.0724	94.9674	2.4868	94.9557	2.9012
96	95.9854	1.6754	95.9772	2.0942	95.9671	2.5130	95.9552	2.9317
97	96.9852	1.6929	96.9769	2.1160	96.9668	2.5392	96.9548	2.9622
98	97.9851	1.7103	97.9767	2.1379	97.9664	2.5653	97.9543	2.9928
99	98.9849	1.7278	98.9764	2.1597	98.9661	2.5915	98.9538	3.0233
100	99.9848	1.7452	99.9762	2.1815	99.9657	2.6177	99.9534	3.0539

No.	2	88	2¼	87¾	2½	87½	2¾	87¼
1	,9994	,0349	,9992	,0393	,9990	,0436	,9988	,0480
2	1.9988	,0698	1.9985	,0785	1.9981	,0872	1.9977	,0960
3	2.9982	,1047	2.9977	,1178	2.9971	,1309	2.9965	,1439
4	3.9976	,1396	3.9969	,1570	3.9962	,1745	3.9954	,1919
5	4.9970	,1745	4.9961	,1963	4.9952	,2181	4.9912	,2399
6	5.9963	,2094	5.9954	,2356	5.9943	,2617	5.9931	,2879
7	6.9957	,2443	6.9946	,2748	6.9933	,3053	6.9919	,3358
8	7.9951	,2792	7.9938	,3141	7.9924	,3490	7.9908	,3838
9	8.9945	,3141	8.9931	,3533	8.9914	,3926	8.9896	,4318
10	9.9939	,3490	9.9923	,3926	9.9905	,4362	9.9885	,4798
11	10.9933	,3839	10.9915	,4319	10.9895	,4798	10.9873	,5278
12	11.9927	,4188	11.9907	,4711	11.9886	,5234	11.9862	,5757
13	12.9921	,4537	12.9900	,5104	12.9876	,5671	12.9850	,6237
14	13.9915	,4886	13.9892	,5496	13.9867	,6107	13.9839	,6717
15	14.9909	,5235	14.9884	,5889	14.9857	,6542	14.9827	,7197
16	15.9903	,5584	15.9877	,6282	15.9848	,6979	15.9816	,7676
17	16.9896	,5933	16.9869	,6674	16.9838	,7415	16.9804	,8156
18	17.9890	,6282	17.9861	,7067	17.9829	,7851	17.9793	,8636
19	18.9884	,6631	18.9854	,7459	18.9819	,8288	18.9781	,9116
20	19.9878	,6980	19.9846	,7852	19.9810	,8724	19.9770	,9595
21	20.9872	,7329	20.9838	,8245	20.9800	,9160	20.9758	1.0075
22	21.9866	,7678	21.9830	,8637	21.9791	,9596	21.9747	1.0555
23	22.9860	,8027	22.9823	,9030	22.9781	1.0032	22.9735	1.1035
24	23.9854	,8376	23.9815	,9422	23.9772	1.0469	23.9724	1.1515
25	24.9848	,8725	24.9807	,9815	24.9762	1.0905	24.9712	1.1995
26	25.9842	,9074	25.9800	1.0208	25.9753	1.1341	25.9701	1.2474
27	26.9836	,9423	26.9792	1.0600	26.9743	1.1777	26.9689	1.2954
28	27.9829	,9772	27.9784	1.0993	27.9733	1.2213	27.9678	1.3434
29	28.9823	1.0121	28.9776	1.1385	28.9724	1.2650	28.9666	1.3914
30	29.9817	1.0470	29.9769	1.1778	29.9714	1.3086	29.9655	1.4393
31	30.9811	1.0819	30.9761	1.2171	30.9705	1.3522	30.9543	1.4873
32	31.9805	1.1168	31.9753	1.2563	31.9695	1.3958	31.9531	1.5353
33	32.9799	1.1517	32.9746	1.2956	32.9686	1.4394	32.9620	1.5833
34	33.9793	1.1866	33.9738	1.3348	33.9676	1.4831	33.9608	1.6313
35	34.9787	1.2215	34.9730	1.3741	34.9667	1.5267	34.9597	1.6792
36	35.9781	1.2564	35.9722	1.4134	35.9657	1.5703	35.9585	1.7272
37	36.9775	1.2913	36.9715	1.4526	36.9648	1.6139	36.9574	1.7752
38	37.9769	1.3262	37.9707	1.4919	37.9638	1.6575	37.9562	1.8232
39	38.9762	1.3611	38.9699	1.5311	38.9629	1.7012	38.9551	1.8711
40	39.9756	1.3960	39.9692	1.5704	39.9619	1.7448	39.9539	1.9191
41	40.9750	1.4309	40.9684	1.6097	40.9610	1.7884	40.9528	1.9671
42	41.9744	1.4658	41.9676	1.6489	41.9600	1.8320	41.9516	2.0151
43	42.9738	1.5007	42.9668	1.6882	42.9591	1.8756	42.9505	2.0631
44	43.9732	1.5356	43.9661	1.7274	43.9581	1.9193	43.9493	2.1110
45	44.9726	1.5705	44.9653	1.7667	44.9572	1.9629	44.9482	2.1590
46	45.9720	1.6054	45.9645	1.8060	45.9562	2.0065	45.9470	2.2070
47	46.9714	1.6403	46.9638	1.8452	46.9553	2.0501	46.9459	2.2550
48	47.9708	1.6752	47.9630	1.8845	47.9543	2.0937	47.9447	2.3029
49	48.9701	1.7101	48.9622	1.9237	48.9534	2.1374	48.9436	2.3509
50	49.9695	1.7450	49.9615	1.9630	49.9524	2.1810	49.9424	2.3989

No	2	88	2¼	87¾	2½	87½	2¾	87¼
51	50.9689	1.7799	50.9607	2.0022	50.9515	2.2246	50.9413	2.4469
52	51.9683	1.8148	51.9599	2.0415	51.9505	2.2682	51.9401	2.4949
53	52.9677	1.8497	52.9591	2.0808	52.9495	2.3118	52.9390	2.5428
54	53.9671	1.8846	53.9584	2.1200	53.9486	2.3554	53.9378	2.5908
55	54.9665	1.9195	54.9576	2.1593	54.9477	2.3991	54.9367	2.6388
56	55.9659	1.9544	55.9568	2.1985	55.9467	2.4427	55.9355	2.6868
57	56.9653	1.9893	56.9561	2.2378	56.9457	2.4863	56.9344	2.7348
58	57.9647	2.0242	57.9553	2.2771	57.9448	2.5299	57.9332	2.7827
59	58.9641	2.0591	58.9545	2.3163	58.9438	2.5735	58.9321	2.8307
60	59.9634	2.0940	59.9537	2.3556	59.9429	2.6172	59.9309	2.8787
61	60.9628	2.1289	60.9530	2.3948	60.9419	2.6608	60.9298	2.9267
62	61.9622	2.1638	61.9522	2.4341	61.9410	2.7044	61.9286	2.9746
63	62.9616	2.1987	62.9514	2.4734	62.9400	2.7480	62.9274	3.0226
64	63.9610	2.2336	63.9507	2.5126	63.9391	2.7916	63.9263	3.0706
65	64.9604	2.2685	64.9499	2.5519	64.9381	2.8353	64.9251	3.1186
66	65.9598	2.3034	65.9491	2.5911	65.9372	2.8789	65.9240	3.1666
67	66.9592	2.3383	66.9483	2.6304	66.9362	2.9225	66.9228	3.2145
68	67.9586	2.3732	67.9476	2.6697	67.9353	2.9661	67.9217	3.2625
69	68.9580	2.4081	68.9468	2.7089	68.9343	3.0097	68.9205	3.3105
70	69.9574	2.4430	69.9460	2.7482	69.9334	3.0534	69.9194	3.3585
71	70.9567	2.4779	70.9453	2.7874	70.9324	3.0970	70.9182	3.4064
72	71.9561	2.5128	71.9445	2.8267	71.9315	3.1406	71.9171	3.4544
73	72.9555	2.5477	72.9437	2.8660	72.9305	3.1842	72.9159	3.5024
74	73.9549	2.5826	73.9429	2.9052	73.9296	3.2278	73.9148	3.5504
75	74.9543	2.6175	74.9422	2.9445	74.9286	3.2715	74.9136	3.5984
76	75.9537	2.6524	75.9414	2.9837	75.9277	3.3151	75.9125	3.6463
77	76.9531	2.6873	76.9406	3.0230	76.9267	3.3587	76.9113	3.6943
78	77.9525	2.7222	77.9399	3.0623	77.9258	3.4023	77.9102	3.7423
79	78.9519	2.7571	78.9391	3.1015	78.9248	3.4459	78.9090	3.7903
80	79.9513	2.7920	79.9383	3.1408	79.9239	3.4896	79.9079	3.8382
81	80.9507	2.8269	80.9375	3.1800	80.9229	3.5332	80.9067	3,8862
82	81.9500	2.8618	81.9368	3.2193	81.9220	3.5768	81.9056	3.9342
83	82.9494	2.8967	82.9360	3.2586	82.9210	3.6204	82.9044	3.9822
84	83.9488	2.9316	83.9352	3.2978	83.9200	3.6640	83.9033	4.0302
85	84.9482	2.9665	84.9345	3.3371	84.9191	3.7076	84.9021	4.0781
86	85.9476	3.0014	85.9337	3.3763	85.9181	3.7513	85.9010	4.1261
87	86.9470	3.0363	86.9329	3.4156	86.9172	3.7949	86.8998	4.1741
88	87.9464	3.0712	87.9322	3.4549	87.9162	3.8385	87.8987	4.2221
89	88.9458	3.1061	88.9314	3.4941	88.9153	3.8821	88.8975	4.2701
90	89.9452	3.1410	89.9306	3.5334	89.9143	3.9257	89.8964	4.3180
91	90.9446	3.1759	90.9298	3.5726	90.9134	3.9694	90.8952	4.3660
92	91.9440	3.2108	91.9291	3.6119	91.9124	4.0130	91.8941	4.4140
93	92.9433	3.2457	92.9283	3.6512	92.9115	4.0566	92.8929	4.4620
94	93.9427	3.2806	93.9275	3.6904	93.9105	4.1002	93.8917	4.5099
95	94.9421	3.3155	94.9268	3.7297	94.9096	4.1438	94.8906	4.5579
96	95.9415	3.3504	95.9260	3.7689	95.9086	4.1875	95.8894	4.6059
97	96.9409	3.3853	96.9252	3.8082	96.9077	4.2311	96.8883	4.6539
98	97.9403	3.4202	97.9244	3.8475	97.9067	4.2747	97.8871	4.7019
99	98.9397	3.4551	98.9237	3.8867	98.9058	4.3183	98.8860	4.7498
100	99.9391	3.4899	99.9229	3.9260	99.9048	4.3619	99.8848	4.7978

No.	3	87	3¼	86¾	3½	86½	3¾	86¼
1	,9986	,052	.9984	,0567	,9981	,0610	,9979	,0654
2	1.9973	,1047	1.9968	,1134	1.9963	,1221	1.9957	,1308
3	2.9959	,1570	2.9952	,1701	2.9944	,1831	2.9936	,1962
4	3.9945	,2093	3.9936	,2268	3.9925	,2442	3.9914	,2616
5	4.9931	,2617	4.9920	,2835	4.9907	,3052	4.9893	,3270
6	5.9918	,3140	5.9903	,3402	5.9988	,3663	5.9872	,3924
7	6.9904	,3664	6.9887	,3968	6.9869	,4273	6.9850	,4578
8	7.9890	,4187	7.9871	,4535	7.9851	,4884	7.9829	,5232
9	8.9877	,4710	8.9855	,5102	8.9832	,5494	8.9807	,5886
10	9.9863	,5234	9.9839	,5669	9.9813	,6105	9.9786	,6540
11	10.9849	,5757	10.9823	,6236	10.9795	,6715	10.9764	,7194
12	11.9836	,6280	11.9807	,6803	11.9776	,7326	11.9743	,7848
13	12.9822	,6804	12 9791	,7370	12.9758	,7936	12 9722	,8502
14	13.9808	,7327	13.9775	,7937	13.9739	,8547	13.9700	,9156
15	14.9794	,7850	14.9759	,8504	14.9720	,9157	14.9679	,9810
16	15.9781	,8374	15.9743	,9071	15.9702	,9768	15.9657	1.0464
17	16.9767	,8897	16.9727	,9638	16.9683	1.0378	16.9636	1.1119
18	17.9753	,9420	17.9710	1.0205	17.9664	1.0989	17 9615	1.1773
19	18.9740	,9944	18 9694	1 0772	18.9646	1.1599	18.9593	1.2427
20	19.9726	1.0467	19.9678	1.1339	19.9627	1.2210	19.9572	1.3081
21	20.9712	1.0991	20.9662	1.1905	20.9608	1.2820	20.9550	1.3735
22	21.9698	1.1514	21.9646	1.2472	21.9590	1.3431	21.9529	1.4389
23	22.9685	1.2037	22.9630	1.3039	22.9571	1.4041	22.9508	1.5043
24	23.9671	1.2561	23.9614	1.3606	23.9552	1.4652	23.9486	1.5697
25	24.9657	1.3084	24.9598	1.4173	24.9534	1.5262	24.9465	1.6351
26	25.9644	1.3607	25.9582	1.4740	25.9515	1.5873	25.9443	1.7005
27	26.9630	1.4131	26.9566	1.5307	26.9496	1.6483	26.9422	1.7659
28	27.9616	1.4654	27.9550	1.5874	27.9478	1.7094	27.9400	1.8313
29	28.9603	1.5177	28.9534	1.6441	28.9459	1.7704	28.9379	1.8967
30	29.9589	1.5701	29.9517	1 7008	29.9440	1.8315	29.9358	1.9621
31	30.9575	1.6224	30.9501	1.7575	30.9422	1.8925	30.9336	2.0275
32	31.9561	1.6748	31.9485	1.8142	31.9403	1.9536	31 9315	2.0929
33	32 9548	1.7271	32.9469	1.8709	32.9384	2.0146	32.9293	2.1583
34	33,9534	1.7794	33.9453	1.9276	33.9366	2.0756	33.9272	2.2237
35	34.9520	1.8318	34.9437	1 9842	34.9347	2.1367	34.9251	2.2891
36	35.9507	1.8841	35.9421	2.0409	35.9329	2.1977	35.9229	2.3545
37	36.9493	1.9364	36.9405	2.0976	36.9310	2.2588	36.9208	2.4199
38	37.9479	1.9888	37.9389	2.1543	37.9291	2.3198	37.9186	2.4853
39	38.9466	2.0411	38.9373	2.2110	38.9273	2.3809	38.9165	2.5507
40	39.9452	2.0934	39.9357	2.2677	39.9254	2.4419	39.9144	2.6161
41	40.9438	2.1458	40.9341	2.3244	40.9235	2.5030	40.9122	2.6815
42	41.9424	2.1981	41.9324	2.3811	41.9217	2.5640	41.9101	2.7469
43	42.9411	2.2504	42.9308	2.4378	42.9198	2.6251	42.9079	2.8123
44	43.9397	2.3028	43.9292	2.4945	43.9179	2.6861	43.9058	2.8777
45	44.9383	2.3551	44.9276	2.5512	44.9161	2.7472	44.9037	2,9431
46	45.9370	2.4075	45.9260	2.6079	45.9142	2.8082	45.9015	3.0085
47	46.9356	2.4598	46.9244	2.6646	46.9123	2.8693	46.8994	3.0739
48	47.9342	2.5121	47.9228	2.7213	47.9105	2.9303	47.8972	3.1393
49	48.9328	2.5645	48.9212	2.7779	48.9086	2.9914	48.8951	3.2048
50	49.9315	2.6168	49.9196	2.8346	49.9067	3.0524	49.8929	3.2702

No.	3	87	3¼	86¾	3½	86½	3¾	86¼
51	50.9301	2.6691	50.9180	2.8913	50.9049	3.1135	50.8908	3.3356
52	51.9287	2.7215	51.9164	2.9480	51.9030	3.1745	51.8887	3.4010
53	52.9274	2.7738	52.9148	3.0047	52.9011	3.2356	52.8865	3.4664
54	53.9260	2.8261	53.9131	3.0614	53.8993	3.2966	53.8844	3.5318
55	54.9246	2.8785	54.9115	3.1181	54.8974	3.3577	54.8822	3.5972
56	55.9233	2.9308	55.9099	3.1748	55.8955	3.4187	55.8801	3.6626
57	56.9219	2.9832	56.9083	3.2315	56.8937	3.4798	56.8780	3.7280
58	57.9205	3.0355	57.9067	3.2882	57.8918	3.5408	57.8758	3.7934
59	58.9191	3.0878	58.9051	3.3419	58.8900	3.6019	58.8737	3.8588
60	59.9178	3.1402	59.9035	3.4016	59.8881	3.6629	59.8715	3.9242
61	60.9164	3.1925	60.9019	3.4583	60.8862	3.7240	60.8694	3.9896
62	61.9150	3.2448	61.9003	3.5150	61.8844	3.7850	61.8673	4.0550
63	62.9137	3.2972	62.8987	3.5716	62.8825	3.8461	62.8651	4.1204
64	63.9123	3.3495	63.8971	3.6283	63.8806	3.9071	63.8630	4.1858
65	64.9109	3.4018	64.8955	3.6850	64.8788	3.9682	64.8608	4.2512
66	65.9095	3.4542	65.8938	3.7417	65.8769	4.0292	65.8587	4.3166
67	66.9082	3.5065	66.8922	3.7984	66.8750	4.0902	66.8565	4.3820
68	67.9068	3.5588	67.8906	3.8551	67.8732	4.1513	67.8544	4.4474
69	68.9054	3.6112	68.8890	3.9118	68.8715	4.2123	68.8523	4.5128
70	69.9041	3.6635	69.8874	3.9685	69.8694	4.2734	69.8501	4.5782
71	70.9027	3.7159	70.8858	4.0252	70.8676	4.3344	70.8480	4.6436
72	71.9013	3.7682	71.8842	4.0819	71.8657	4.3955	71.8458	4.7090
73	72.9000	3.8205	72.8826	4.1386	72.8638	4.4565	72.8437	4.7744
74	73.8986	3.8729	73.8810	4.1953	73.8620	4.5176	73.8416	4.8398
75	74.8972	3.9252	74.8794	4.2520	74.8601	4.5786	74.8394	4.9052
76	75.8958	3.9775	75.8778	4.3087	75.8582	4.6397	75.8373	4.9706
77	76.8945	4.0299	76.8762	4.3653	76.8564	4.7007	76.8351	5.0360
78	77.8931	4.0822	77.8745	4.4220	77.8545	4.7618	77.8330	5.1014
79	78.8917	4.1345	78.8729	4.4787	78.8526	4.8228	78.8309	5.1668
80	79.8904	4.1869	79.8713	4.5354	79.8508	4.8839	79.8287	5.2322
81	80.8890	4.2392	80.8697	4.5921	80.8489	4.9449	80.8266	5.2977
82	81.8876	4.2916	81.8681	4.6488	81.8471	5.0060	81.8244	5.3631
83	82.8862	4.3439	82.8665	4.7055	82.8452	5.0670	82.8223	5.4285
84	83.8849	4.3962	83.8649	4.7622	83.8433	5.1281	83.8201	5.4939
85	84.8835	4.4486	84.8633	4.8189	84.8415	5.1891	84.8180	5.5593
86	85.8821	4.5009	85.8617	4.8756	85.8396	5.2502	85.8159	5.6247
87	86.8808	4.5532	86.8601	4.9323	86.8377	5.3112	86.8137	5.6901
88	87.8794	4.6056	87.8585	4.9890	87.8359	5.3723	87.8116	5.7555
89	88.8780	4.6579	88.8569	5.0457	88.8340	5.4333	88.8094	5.8209
90	89.8767	4.7102	89.8552	5.1024	89.8321	5.4944	89.8073	5.8863
91	90.8753	4.7626	90.8536	5.1590	90.8303	5.5554	90.8052	5.9517
92	91.8739	4.8149	91.8520	5.2157	91.8284	5.6165	91.8030	6.0171
93	92.8725	4.8672	92.8504	5.2724	92.8265	5.6775	92.8009	6.0825
94	93.8712	4.9196	93.8488	5.3291	93.8247	5.7386	93.7987	6.1479
95	94.8698	4.9719	94.8472	5.3858	94.8228	5.7996	94.7966	6.2133
96	95.8684	5.0243	95.8456	5.4425	95.8209	5.8607	95.7945	6.2787
97	96.8671	5.0766	96.8440	5.4992	96.8191	5.9217	96.7923	6.3441
98	97.8657	5.1289	97.8424	5.5559	97.8172	5.9828	97.7902	6.4095
99	98.8643	5.1813	98.8408	5.6126	98.8153	6.0438	98.7880	6.4749
100	99.8630	5.2336	99.8392	5.6693	99.8135	6.1049	99.7859	6.5403

No.	4	86	4¼	85¾	4½	85½	4¾	85¼
1	,9976	,0698	,9973	,0741	,9969	,0785	,9956	,0828
2	1.9951	,1395	1.9945	,1482	1.9938	,1569	1.9931	,1656
3	2.9927	,2093	2.9918	,2223	2.9908	,2354	2.9897	,2484
4	3.9903	,2790	3.9890	,2964	3.9877	,3138	3.9363	,3312
	4.9878	,3488	4.9863	,3705	4.9846	,3923	4.9828	,4140
6	5.9854	,4185	5.9835	,4447	5.9815	,4708	5.9794	,4968
7	6.9829	,4883	6.9808	,5188	6.9784	,5492	6.9760	,5797
8	7.9805	,5581	7.9780	,5929	7.9753	,6277	7.9725	,6625
9	8.9781	,6278	8.9753	,6670	8.9723	,7061	8.9691	,7453
10	9.9756	,6976	9.9725	,7411	9.9692	,7846	9.9657	,8281
11	10.9732	,7673	10.9698	,8152	10.9661	,8631	10.9622	,9109
12	11.9708	,8371	11.9670	,8893	11.9630	,9415	11.9588	,9937
13	12.9683	,9068	12.9643	,9634	12.9599	1.0200	12.9554	1.0765
14	13.9659	,9766	13.9615	1.0375	13.9568	1.0984	13.9519	1.1593
15	14.9635	1.0463	14.9588	1.1116	14.9538	1.1769	14.9485	1,2421
16	15.9610	1.1161	15.9560	1.1857	15.9507	1.2553	15.9450	1.3249
17	16.9586	1.1859	16.9533	1.2598	16.9476	1.3338	16.9416	1.4077
18	17.9562	1.2556	17.9505	1.3340	17.9445	1.4123	17.9382	1.4905
19	18.9537	1.3254	18.9478	1.4081	18.9414	1.4907	18.9347	1.5734
20	19.9513	1.3951	19.9450	1.4822	19.9383	1.5692	19.9313	1.6562
21	20.9488	1.4649	20.9423	1.5563	20.9353	1.6476	20.9279	1.7390
22	21.9464	1.5346	21.9395	1.6304	21.9322	1.7261	21.9244	1.8218
23	22.9440	1.6044	22.9368	1.7045	22.9291	1.8046	22.9210	1.9046
24	23.9415	1.6742	23.9340	1.7786	23.9260	1.8830	23.9176	1.9874
25	24.9391	1.7439	24.9313	1.8527	24.9229	1.9615	24.9141	2.0702
26	25.9367	1.8137	25.9285	1.9268	25.9198	2.0399	25.9107	2.1530
27	26.9342	1.8834	26.9258	2.0009	26.9168	2.1184	26.9073	2.2358
28	27.9318	1.9532	27.9230	2.0750	27.9137	2.1969	27.9038	2.3186
29	28.9294	2.0229	28.9203	2.1491	28.9106	2.2753	28.9004	2.4014
30	20.9269	2.0927	29.9175	2.2233	29.0075	2.3538	29.8970	2.4842
31	30.9245	2.1625	30.9148	2.2974	30.9044	2.4322	30.8935	2,5671
32	31.9220	2.2322	31.9120	2.3715	31.9014	2.5107	31.8901	2.6499
33	32.9196	2.3020	32.9093	2.4456	32.8983	2.5892	32.8867	2.7327
34	33.9172	2.3717	33.9065	2.5197	33.8952	2.6676	33.8832	2.8155
35	34.9147	2.4415	34.9038	2.5938	34.8021	2.7461	34.8798	2.8983
36	35.9123	2.5112	35.9010	2.6679	35.8890	2.8245	35.8764	2.9811
37	36.9099	2.5810	36.8983	2.7420	36.8859	2.9030	36.8729	3.0639
38	37.9074	2.6507	37.8955	2.8161	37.8829	2.9814	37.8695	3.1467
39	38.9050	2.7205	38.8928	2.8902	38.8798	3.0599	38.8661	3.2295
40	39.9026	2.7903	39.8900	2.9643	39.8767	3.1384	39.8626	3.3123
41	40.9001	2.8600	40.8873	3.0384	40.8736	3.2168	40.8592	3.3951
42	41.8977	2.9298	41.8845	3.1126	41.8705	3.2953	41.8558	3.4779
43	42.8953	2.9995	42.8818	3.1867	42.8674	3.3737	42.8523	3.5608
44	43.8928	3.0693	43.8790	3.2608	43.8644	3.4522	43.8489	3.6436
45	44.8904	3.1390	44.8763	3.3349	44.8613	3.5307	44.8454	3.7264
46	45.8879	3.2088	45.8735	3.4090	45.8582	3.6091	45.8420	3.8092
47	46.8855	3.2786	46.8708	3.4831	46.8551	3.6876	46.8386	3.8920
48	47.8831	3.3483	47.8680	3.5572	47.8520	3.7660	47.8351	3.9748
49	48.8806	3.4181	48.8653	3.6313	48.8489	3.8445	48.8317	4.0576
50	49.8782	3.4878	49.8625	3.7054	49.8459	3.9230	49.8283	4.1404

No.	4	86	4¼	85¾	4½	85½	4¾	85¼
51	50.8758	3.5576	50.8598	3.7795	50.8428	4.0014	50.8248	4.2232
52	51.8733	3.6273	51.8570	3.8536	51.8397	4.0799	51.8214	4.3060
53	52.8709	3.6971	52.8543	3.9278	52.8366	4.1583	52.8180	4.3888
54	53.8685	3.7669	53.8515	4.0019	53.8335	4.2368	53.8145	4.4716
55	54.8660	3.8366	54.8488	4.0760	54.8305	4.3153	54.8111	4.5545
56	55.8636	3.9064	55.8460	4.1501	55.8274	4.3937	55.8077	4.6373
57	56.8611	3.9761	56.8433	4.2242	56.8243	4.4722	56.8042	4.7201
58	57.8587	4.0459	57.8405	4.2983	57.8212	4.5506	57.8008	4.8029
59	58.8563	4.1156	58.8378	4.3724	58.8181	4.6291	58.7974	4.8857
60	59.8538	4.1854	59.8350	4.4465	59.8150	4.7075	59.7939	4.9685
61	60.8514	4.2551	60.8323	4.5206	60.8120	4.7860	60.7905	5.0513
62	61.8490	4.3249	61.8295	4.5947	61.8089	4.8645	61.7871	5.1341
63	62.8465	4.3947	62.8268	4.6688	62.8058	4.9429	62.7836	5.2169
64	63.8441	4.4644	63.8240	4.7429	63.8027	5.0214	63.7802	5.2997
65	64.8417	4.5342	64.8213	4.8171	64.7996	5.0998	64.7768	5.3825
66	65.8392	4.6039	65.8185	4.8912	65.7965	5.1783	65.7733	5.4653
67	66.8368	4.6737	66.8158	4.9653	66.7935	5.2568	66.7699	5.5481
68	67.8344	4.7434	67.8130	5.0394	67.7904	5.3352	67.7665	5.6310
69	68.8319	4.8132	68.8103	5.1135	68.7873	5.4137	68.7630	5.7138
70	69.8295	4.8830	69.8075	5.1876	69.7842	5.4921	69.7596	5.7966
71	70.8270	4.9527	70.8048	5.2617	70.7811	5.5706	70.7562	5.8794
72	71.8246	5.0225	71.8020	5.3358	71.7780	5.6491	71.7527	5.9622
73	72.8222	5.0922	72.7993	5.4099	72.7750	5.7275	72.7493	6.0450
74	73.8197	5.1620	73.7965	5.4840	73.7719	5.8060	73.7458	6.1278
75	74.8173	5.2317	74.7938	5.5581	74.7688	5.8844	74.7424	6.2106
76	75.8149	5.3015	75.7910	5.6322	75.7657	5.9629	75.7390	6.2934
77	76.8124	5.3713	76.7883	5.7064	76.7626	6.0414	76.7355	6.3762
78	77.8100	5.4410	77.7855	5.7805	77.7595	6.1198	77.7321	6.4590
79	78.8076	5.5108	78.7828	5.8546	78.7565	6.1983	78.7287	6.5418
80	79.8051	5.5805	79.7800	5.9287	79.7534	6.2767	79.7252	6.6247
81	80.8027	5.6503	80.7773	6.0028	80.7503	6.3552	80.7218	6.7075
82	81.8002	5.7200	81.7745	6.0769	81.7472	6.4336	81.7184	6.7903
83	82.7978	5.7898	82.7718	6.1510	82.7441	6.5121	82.7149	6.8731
84	83.7954	5.8595	83.7690	6.2251	83.7411	6.5906	83.7115	6.9559
85	84.7929	5.9293	84.7663	6.2992	84.7380	6.6690	84.7081	7.0387
86	85.7905	5.9991	85.7635	6.3733	85.7349	6.7475	85.7046	7.1215
87	86.7881	6.0688	86.7608	6.4474	86.7318	6.8259	86.7012	7.2043
88	87.7856	6.1386	87.7580	6.5215	87.7287	6.9044	87.6978	7.2871
89	88.7832	6.2083	88.7553	6.5957	88.7256	6.9829	88.6943	7.3699
90	89.7808	6.2781	89.7525	6.6698	89.7226	7.0613	89.6909	7.4527
91	90.7783	6.3478	90.7498	6.7439	90.7195	7.1398	90.6875	7.5355
92	91.7759	6.4176	91.7470	6.8180	91.7164	7.2182	91.6840	7.6184
93	92.7735	6.4874	92.7443	6.8921	92.7133	7.2967	92.6806	7.7012
94	93.7710	6.5571	93.7415	6.9662	93.7102	7.3752	93.6772	7.7840
95	94.7686	6.6269	94.7388	7.0403	94.7071	7.4526	94.6737	7.8668
96	95.7661	6.6966	95.7360	7.1144	95.7041	7.5321	95.6703	7.9496
97	96.7637	6.7664	96.7333	7.1885	96.7010	7.6105	96.6669	8.0324
98	97.7613	6.8361	97.7305	7.2626	97.6979	7.6890	97.6534	8.1152
99	98.7588	6.9059	98.7278	7.3367	98.6948	7.7675	93.6600	8.1980
100	99.7564	6.9757	99.7250	7.4109	99.6917	7.8459	99.6566	8.2808

No	5	85	5¼	84¾	5½	84½	5¾	84¼
1	,9962	,0872	,9958	,0915	,9954	,0958	,9950	,1002
2	1.9924	,1743	1.9916	,1830	1.9908	,1917	1.9899	,2004
3	2.9886	,2615	2.9874	,2745	2.9862	,2875	2.9849	,3006
4	3.9848	,3486	3.9832	,3660	3.9816	,3834	3.9799	,4008
5	4.9810	,4358	4.9790	,4575	4.9770	,4793	4.9748	,5009
6	5.9772	,5229	5.9748	,5490	5.9724	,5751	5.9698	,6011
7	6.9734	,6101	6.9706	,6405	6.9678	,6709	6.9648	,7013
8	7.9696	,6972	7.9664	,7320	7.9632	,7668	7.9597	,8015
9	8.9658	,7844	8.9622	,8235	8.9586	,8626	8.9547	,9017
10	9.9619	,8716	9.9580	,9150	9.9540	,9585	9.9497	1,0019
11	10.9581	,9587	10.9539	1.0065	10.9494	1.0543	10.9447	1.1021
12	11.9543	1.0459	11.9497	1.0980	11.9448	1.1501	11.9396	1,2023
13	12.9505	1.1330	12 9455	1.1895	12.9402	1.2460	12.9346	1.3024
14	13.9467	1.2202	13.9413	1.2810	13.9355	1.3418	13.9296	1.4026
15	14.9429	1.3073	14.9371	1.3725	14.9309	1.4377	14.9245	1.5028
16	15.9391	1.3945	15.9329	1.4640	15.9263	1.5335	15.9195	1.6030
17	16.9353	1.4816	16.9287	1.5555	16.9217	1.6294	16.9145	1.7032
18	17.9315	1.5688	17.9245	1.6470	17.9171	1.7252	17.9094	1.8034
19	18.9277	1.6560	18.9203	1.7385	18.9125	1.8211	18.9044	1.9036
20	19.9239	1.7431	19.9161	1.8300	19.9079	1.9169	19.8994	2.0038
21	20.9201	1.8303	20.9119	1.9215	20.9033	2.0128	20.8943	2.1040
22	21.9163	1.9174	21.9077	2.0130	21.8987	2.1086	21.8893	2.2041
23	22.9125	2.0046	22.9035	2.1045	22.8941	2.2045	22.8843	2.3043
24	23.9087	2.0917	23.8993	2.1960	23.8895	2.3003	23.8792	2.4045
25	24.9049	2.1789	24.8951	2.2875	24.8849	2.3961	24.8742	2.5047
26	25.9011	2.2660	25.8909	2.3790	25.8803	2.4920	25.8692	2.6049
27	26.8973	2.3532	26.8867	2.4705	26.8757	2.5878	26.8641	2.7051
28	27.8935	2.4404	27.8825	2.5620	27.8711	2.6837	27.8591	2.8053
29	28.8896	2.5275	28.8783	2.6535	28.8665	2.7795	28.8541	2.9055
30	29.8858	2.6147	29.8741	2.7450	29.8619	2.8754	29.8491	3.0056
31	30.8820	2.7018	30.8700	2.8365	30.8573	2.9712	30.8440	3.1058
32	31.8782	2.7890	31.8658	2.9281	31.8527	3.0671	31.8390	3.2060
33	32.8744	2.8761	32.8616	3.0196	32.8481	3.1629	32.8340	3.3062
34	33.8706	2.9633	33.8574	3.1111	33.8435	3.2588	33.8289	3.4064
35	34.8668	3.0504	34.8532	3 2026	34.8389	3.3546	34.8239	3.5066
36	35.8630	3.1376	35.8490	3.2941	35.8343	3.4504	35.8189	3.6068
37	36.8592	3.2248	36.8448	3.3856	36.8297	3.5463	36.8138	3.7070
38	37.8554	3.3119	37.8406	3.4771	37.8251	3.6421	37.8088	3.8071
39	38.8516	3.3991	38.8364	3.5686	38.8205	3.7380	38.8038	3.9073
40	39.8478	3.4862	39.8322	3.6601	39.8158	3.8338	39.7987	4.0075
41	40.8440	3.5734	40.8280	3.7516	40.8112	3.9297	40.7937	4.1077
42	41.8402	3.6605	41,8238	3.8431	41.8066	4.0255	41.7887	4.2079
43	42.8364	3.7477	42.8196	3.9346	42.8020	4.1214	42.7836	4.3081
44	43.8326	3.8349	43.8154	4.0261	43.7974	4.2172	43.7786	4.4083
45	44.8288	3.9220	44.8112	4.1176	44.7928	4.3131	44.7736	4.5085
46	45.8250	4.0092	45.8070	4.2091	45.7882	4.4089	45.7686	4.6087
47	46.8212	4.0963	46.8028	4.3006	46.7836	4.5048	46.7635	4.7088
48	47.8173	4.1835	47.7986	4.3921	47.7790	4.6006	47.7585	4.8090
49	48.8135	4.2706	48.7944	4.4836	48.7744	4.6964	48.7535	4.9092
50	49 8097	4.3578	49.7902	4.5751	49.7698	4.7923	49.7484	5.0094

No.	5	85	5¼	84¾	5½	84½	5¾	84¼
51	50.8059	4.4449	50.7860	4.6666	50.7652	4.8881	50.7434	5.1096
52	51.8021	4.5321	51.7819	4.7581	51.7606	4.9840	51.7384	5.2098
53	52.7983	4.6193	52.7777	4.8496	52.7560	5.0798	52.7333	5.3100
54	53.7945	4.7064	53.7735	4.9411	53.7514	5.1757	53.7283	5.4102
55	54.7907	4.7936	54.7693	5.0326	54.7468	5.2715	54.7232	5.5103
56	55.7869	4.8807	55.7651	5.1241	55.7422	5.3674	55.7182	5.6105
57	56.7831	4.9679	56.7609	5.2156	56.7376	5.4632	56.7132	5.7107
58	57.7793	5.0550	57.7567	5.3071	57.7330	5.5591	57.7082	5.8109
59	58.7755	5.1422	58.7525	5.3986	58.7284	5.6549	58.7031	5.9111
60	59.7717	5.2293	59.7483	5.4901	59.7238	5.7507	59.6981	6.0113
61	60.7679	5.3165	60.7441	5.5816	60.7192	5.8466	60.6931	6.1115
62	61.7641	5.4037	61.7399	5.6731	61.7146	5.9424	61.6880	6.2117
63	62.7603	5.4908	62.7357	5.7646	62.7100	6.0383	62.6830	6.3119
64	63.7565	5.5780	63.7315	5.8561	63.7054	6.1341	63.6780	6.4120
65	64.7527	5.6651	64.7273	5.9476	64.7008	6.2300	64.6730	6.5122
66	65.7489	5.7523	65.7231	6.0391	65.6961	6.3258	65.6679	6.6124
67	66.7450	5.8394	66.7189	6.1306	66.6915	6.4217	66.6629	6.7126
68	67.7412	5.9266	67.7147	6.2221	67.6869	6.5175	67.6579	6.8128
69	68.7374	6.0137	68.7105	6.3136	68.6823	6.6134	68.6528	6.9130
70	69.7336	6.1009	69.7063	6.4051	69.6777	6.7092	69.6478	7.0132
71	70.7298	6.1881	70.7021	6.4966	70.6731	6.8051	70.6428	7.1134
72	71.7260	6.2752	71.6980	6.5881	71.6685	6.9009	71.6377	7.2135
73	72.7222	6.3624	72.6938	6.6796	72.6639	6.9967	72.6327	7.3137
74	73.7184	6.4495	73.6896	6.7711	73.6593	7.0926	73.6277	7.4139
75	74.7146	6.5367	74.6854	6.8626	74.6547	7.1884	74.6226	7.5141
76	75.7108	6.6238	75.6812	6.9541	75.6501	7.2843	75.6176	7.6143
77	76.7070	6.7110	76.6770	7.0456	76.6455	7.3801	76.6126	7.7145
78	77.7032	6.7981	77.6728	7.1371	77.6409	7.4760	77.6075	7.8147
79	78.6994	6.8853	78.6686	7.2286	78.6363	7.5718	78.6025	7.9149
80	79.6956	6.9725	79.6644	7.3201	79.6317	7.6677	79.5975	8.0150
81	80.6918	7.0596	80.6602	7.4116	80.6271	7.7635	80.5924	8.1152
82	81.6880	7.1468	81.6560	7.5031	81.6225	7.8594	81.5874	8.2154
83	82.6842	7.2339	82.6518	7.5946	82.6179	7.9552	82.5824	8.3156
84	83.6804	7.3211	83.6476	7.6861	83.6133	8.0510	83.5774	8.4158
85	84.6765	7.4082	84.6434	7.7776	84.6087	8.1469	84.5723	8.5160
86	85.6727	7.4954	85.6392	7.8691	85.6041	8.2427	85.5673	8.6162
87	86.6689	7.5825	86.6350	7.9606	86.5995	8.3386	86.5623	8.7164
88	87.6651	7.6697	87.6308	8.0521	87.5949	8.4344	87.5572	8.8166
89	88.6613	7.7569	88.6266	8.1436	88.5903	8.5303	88.5522	8.9167
90	89.6575	7.8440	89.6224	8.2351	89.5857	8.6261	89.5472	9.0169
91	90.6537	7.9312	90.6182	8.3266	90.5811	8.7220	90.5421	9.1171
92	91.6499	8.0183	91.6141	8.4181	91.5765	8.8178	91.5371	9.2173
93	92.6461	8.1055	92.6099	8.5096	92.5718	8.9137	92.5321	9.3175
94	93.6423	8.1926	93.6057	8.6012	93.5672	9.0095	93.5270	9.4177
95	94.6385	8.2798	94.6015	8.6927	94.5626	9.1054	94.5220	9.5179
96	95.6347	8.3669	95.5973	8.7842	95.5580	9.2012	95.5170	9.6181
97	96.6309	8.4541	96.5931	8.8757	96.5534	9.2970	96.5119	9.7182
98	97.6271	8.5413	97.5889	8.9672	97.5488	9.3929	97.5069	9.8184
99	98.6233	8.6284	98.5847	9.0587	98.5442	9.4887	98.5019	9.9186
100	99.6195	8.7156	99.5805	9.1502	99.5396	9.5846	99.4969	10.0188

No	6	84	6¼	83¾	6½	83½	6¾	83¼
1	,9945	,1045	,9941	,1089	,9936	,1132	,9931	,1175
2	1.9890	,2091	1.9881	,2177	1.9871	,2264	1.9861	,2351
3	2.9836	,3136	2.9822	,3266	2.9807	,3396	2.9792	,3526
4	3.9781	,4181	3.9762	,4355	3.9743	,4528	3.9723	,4701
5	4.9726	,5226	4.9703	,5443	4.9679	,5660	4.9653	,5877
6	5.9671	,6272	5.9643	,6532	5.9614	,6792	5.9584	,7052
7	6.9617	,7317	6.9584	,7621	6.9550	,7924	6.9515	,8228
8	7.9562	,8362	7.9525	,8709	7.9486	,9056	7.9445	,9403
9	8.9507	,9408	8.9465	,9798	8.9421	1.0188	8.9376	1.0578
10	9.9452	1.0453	9.9406	1.0887	9.9357	1.1320	9.9307	1.1754
11	10.9397	1.1498	10.9346	1.1975	10.9293	1.2452	10.9238	1.2929
12	11.9343	1.2543	11.9287	1.3064	11.9229	1.3584	11.9168	1.4104
13	12.9288	1.3589	12.9227	1.4153	12.9164	1.4716	12.9099	1.5280
14	13.9233	1.4634	13.9168	1.5241	13.9100	1.5848	13.9030	1.6455
15	14.9178	1.5679	14.9108	1.6330	14.9036	1.6980	14.8960	1.7631
16	15.9123	1.6725	15.9049	1.7419	15.8971	1.8113	15.8891	1.8806
17	16.9069	1.7770	16.8990	1.8507	16.8907	1.9245	16.8822	1.9981
18	17.9014	1.8815	17.8930	1.9596	17.8843	2.0377	17.8752	2.1157
19	18.8959	1.9860	18.8871	2.0685	18.8779	2.1509	18.8683	2.2332
20	19.8904	2.0906	19.8811	2.1773	19.8714	2.2641	19.8614	2.3507
21	20.8850	2.1951	20.8752	2.2862	20.8650	2.3773	20.8544	2.4683
22	21.8795	2.2996	21.8692	2.3951	21.8586	2.4905	21.8475	2.5858
23	22.8740	2.4042	22.8633	2.5039	22.8522	2.6037	22.8406	2.7034
24	23.8685	2.5087	23.8574	2.6128	23.8457	2.7169	23.8336	2.8209
25	24.8630	2.6132	24.8514	2.7217	24.8393	2.8301	24.8267	2.9384
26	25.8576	2.7177	25.8455	2.8305	25.8329	2.9433	25.8198	3.0560
27	26.8521	2.8223	26.8395	2.9394	26.8264	3.0565	26.8128	3.1735
28	27.8466	2.9268	27.8336	3.0483	27.8200	3.1697	27.8059	3.2910
29	28.8411	3.0313	28.8276	3.1571	28.8136	3.2829	28.7990	3.4086
30	29.8357	3.1359	29.8217	3.2660	29.8072	3.3961	29.7921	3.5261
31	30.8302	3.2404	30.8157	3.3749	30.8007	3.5093	30.7851	3.6437
32	31.8247	3.3449	31.8098	3.4837	31.7943	3.6225	31.7782	3.7612
33	32.8192	3.4494	32.8039	3.5926	32.7879	3.7357	32.7713	3.8787
34	33.8137	3.5540	33.7979	3.7015	33.7814	3.8489	33.7643	3.9963
35	34.8083	3.6585	34.7920	3.8103	34.7750	3.9621	34.7574	4.1138
36	35.8028	3.7630	35.7860	3.9192	35.7686	4.0753	35.7505	4.2313
37	36.7973	3.8676	36.7801	4.0281	36.7622	4.1885	36.7435	4.3489
38	37.7918	3.9721	37.7741	4.1369	37.7557	4.3017	37.7366	4.4664
39	38.7864	4.0766	38.7682	4.2458	38.7493	4.4149	38.7297	4.5840
40	39.7809	4.1811	39.7623	4.3547	39.7429	4.5281	39.7227	4.7015
41	40.7754	4.2857	40.7563	4.4635	40.7364	4.6413	40.7158	4.8190
42	41.7699	4.3902	41.7504	4.5724	41.7300	4.7545	41.7089	4.9366
43	42.7644	4.4947	42.7444	4.6813	42.7236	4.8677	42.7019	5.0541
44	43.7590	4.5993	43.7385	4.7901	43.7172	4.9809	43.6950	5.1716
45	44.7535	4.7038	44.7325	4.8990	44.7107	5.0941	44.6881	5.2892
46	45.7480	4.8083	45.7266	5.0079	45.7043	5.2073	45.6811	5.4067
47	46.7425	4.9128	46.7206	5.1167	46.6979	5.3206	46.6742	5.5243
48	47.7370	5.0174	47.7147	5.2256	47.6914	5.4338	47.6673	5.6418
49	48.7316	5.1219	48.7088	5.3345	48.6850	5.5470	48.6604	5.7593
50	49.7261	5.2264	49.7028	5.4433	49.6786	5.6602	49.6534	5.8769

No.	6	84	6¼	83¾	6½	83½	6¾	83¼
51	50.7206	5.3310	50.6969	5.5522	50.6722	5.7734	50.6465	5.9944
52	51.7151	5.4355	51.6909	5.6611	51.6657	5.8866	51.6396	6.1119
53	52.7097	5.5400	52.6850	5.7699	52.6593	5.9998	52.6326	6.2295
54	53.7042	5.6445	53.6790	5.8788	53.6529	6.1130	53.6257	6.3470
55	54.6987	5.7491	54.6731	5.9877	54.6464	6.2262	54.6188	6.4646
56	55.6932	5.8536	55.6672	6.0965	55.6400	6.3394	55.6118	6.5821
57	56.6877	5.9581	56.6612	6.2054	56.6336	6.4526	56.6049	6.6996
58	57.6823	6.0627	57.6553	6.3143	57.6272	6.5658	57.5980	6.8172
59	58.6768	6.1672	58.6493	6.4231	58.6207	6.6790	58.5910	6.9347
60	59.6713	6.2717	59.6434	6.5320	59.6143	6.7922	59.5841	7.0522
61	60.6658	6.3762	60.6374	6.6409	60.6079	6.9054	60.5772	7.1698
62	61.6604	6.4808	61.6315	6.7497	61.6015	7.0186	61.5702	7.2873
63	62.6549	6.5853	62.6255	6.8586	62.5950	7.1318	62.5633	7.4049
64	63.6494	6.6898	63.6196	6.9675	63.5886	7.2450	63.5564	7.5224
65	64.6439	6.7944	64.6137	7.0763	64.5822	7.3582	64.5494	7.6399
66	65.6384	6.8989	65.6077	7.1852	65.5757	7.4714	65.5425	7.7575
67	66.6330	7.0034	66.6018	7.2941	66.5693	7.5846	66.5356	7.8750
68	67.6275	7.1079	67.5958	7.4029	67.5629	7.6978	67.5287	7.9925
69	68.6220	7.2125	68.5899	7.5118	68.5565	7.8110	68.5217	8.1101
70	69.6165	7.3170	69.5839	7.6207	69.5500	7.9242	69.5148	8.2276
71	70.6110	7.4215	70.5780	7.7295	70.5436	8.0374	70.5079	8.3452
72	71.6056	7.5261	71.5721	7.8384	71.5372	8.1506	71.5009	8.4627
73	72.6001	7.6306	72.5661	7.9473	72.5307	8.2638	72.4940	8.5802
74	73.5946	7.7351	73.5602	8.0562	73.5243	8.3770	73.4871	8.6978
75	74.5891	7.8396	74.5542	8.1650	74.5179	8.4902	74.4801	8.8153
76	75.5837	7.9442	75.5483	8.2739	75.5115	8.6034	75.4732	8.9328
77	76.5782	8.0487	76.5423	8.3828	76.5050	8.7166	76.4663	9.0504
78	77.5727	8.1532	77.5364	8.4916	77.4986	8.8298	77.4593	9.1679
79	78.5672	8.2578	78.5304	8.6005	78.4922	8.9431	78.4524	9.2855
80	79.5617	8.3623	79.5245	8.7094	79.4857	9.0563	79.4455	9.4030
81	80.5563	8.4668	80.5186	8.8182	80.4793	9.1695	80.4385	9.5205
82	81.5508	8.5713	81.5126	8.9271	81.4729	9.2827	81.4316	9.6381
83	82.5453	8.6759	82.5067	9.0360	82.4665	9.3959	82.4247	9.7556
84	83.5398	8.7804	83.5007	9.1448	83.4600	9.5091	83.4177	9.8731
85	84.5344	8.8849	84.4948	9.2537	84.4536	9.6223	84.4108	9.9907
86	85.5289	8.9895	85.4888	9.3626	85.4472	9.7355	85.4039	10.1082
87	86.5234	9.0940	86.4829	9.4714	86.4407	9.8487	86.3970	10.2258
88	87.5179	9.1985	87.4770	9.5803	87.4343	9.9619	87.3900	10.3433
89	88.5124	9.3030	88.4710	9.6892	88.4279	10.0751	88.3831	10.4608
90	89.5070	9.4076	89.4651	9.7980	89.4215	10.1883	89.3762	10.5784
91	90.5015	9.5121	90.4591	9.9069	90.4150	10.3015	90.3692	10.6959
92	91.4960	9.6166	91.4532	10.0158	91.4086	10.4147	91.3623	10.8134
93	92.4905	9.7212	92.4472	10.1246	92.4022	10.5279	92.3554	10.9310
94	93.4850	9.8257	93.4413	10.2335	93.3957	10.6411	93.3484	11.0485
95	94.4796	9.9302	94.4353	10.3424	94.3893	10.7543	94.3415	11.1661
96	95.4741	10.0347	95.4294	10.4512	95.3829	10.8675	95.3346	11.2836
97	96.4686	10.1393	96.4235	10.5601	96.3765	10.9807	96.3276	11.4011
98	97.4631	10.2438	97.4175	10.6690	97.3700	11.0939	97.3207	11.5187
99	98.4577	10.3483	98.4116	10.7778	98.3636	11.2071	98.3138	11.6362
100	99.4522	10.4529	99.4056	10.8867	99.3572	11.3203	99.3068	11.7537

No.	7	83	7¼	82¾	7½	82½	7¾	82¼
1	,9925	,1219	,9920	,1262	,9914	,1305	,9909	,1349
2	1.9851	,2437	1.9840	,2524	1.9829	,2611	1.9817	,2697
3	2.9776	,3656	2.9760	,3786	2.9743	,3916	2.9726	,4046
4	3.9702	,4875	3.9680	,5048	3.9658	,5221	3.9635	,5394
5	4.9627	,6093	4.9600	,6310	4.9572	,6526	4.9543	,6743
6	5.9553	,7312	5.9520	,7572	5.9487	,7832	5.9452	,8091
7	6.9478	,8531	6.9440	,8834	6.9401	,9137	6.9361	,9440
8	7.9404	,9750	7.9360	1.0096	7.9316	1.0442	7.9269	1.0788
9	8.9329	1.0968	8.9280	1.1358	8.9230	1.1747	8.9178	1.2137
10	9.9255	1.2187	9.9200	1.2620	9.9144	1.3053	9.9087	1.3485
11	10.9180	1.3406	10.9121	1.3882	10.9059	1.4358	10.8995	1.4834
12	11.9106	1.4624	11.9041	1.5144	11.8973	1.5663	11.8904	1.6182
13	12.9031	1.5843	12.8961	1.6406	12.8889	1.6968	12.8813	1.7531
14	13.8956	1.7062	13.8881	1.7668	13.8804	1.8274	13.8721	1.8879
15	14.8882	1.8280	14.8801	1.8930	14.8718	1.9579	14.8630	2.0228
16	15.8807	1.9499	15.8721	2.0192	15.8631	2.0884	15.8539	2.1576
17	16.8733	2.0718	16.8641	2.1454	16.8546	2.2189	16.8447	2.2925
18	17.8658	2.1936	17.8561	2.2716	17.8460	2.3495	17.8356	2.4273
19	18.8584	2.3155	18.8481	2.3978	18.8375	2.4800	18.8265	2.5622
20	19.8509	2.4374	19.8401	2.5240	19.8289	2.6105	19.8173	2.6970
21	20.8435	2.5593	20.8321	2.6502	20.8203	2.7411	20.8082	2.8319
22	21.8360	2.6811	21.8241	2.7764	21.8118	2.8716	21.7990	2.9667
23	22.8286	2.8030	22.8161	2.9026	22.8032	3.0021	22.7899	3.1016
24	23.8211	2.9249	23.8081	3.0288	23.7947	3.1326	23.7808	3.2364
25	24.8137	3.0467	24.8001	3.1550	24.7861	3 2632	24.7716	3.3713
26	25.8062	3.1686	25.7921	3.2812	25.7776	3.3937	25.7625	3.5061
27	26.7987	3.2905	26.7841	3.4074	26.7690	3.5242	26.7534	3.6410
28	27.7913	3.4123	27.7761	3.5336	27.7605	3.6547	27.7442	3.7758
29	28.7838	3.5342	28.7681	3.6598	28.7519	3.7853	28.7351	3.9107
30	29.7764	3.6561	29.7601	3.7860	29.7433	3.9158	29.7260	4.0455
31	30.7689	3.7779	30.7522	3.9122	30.7348	4.0463	30.7168	4.1804
32	31.7615	3.8998	31.7442	4.0384	31.7262	4.1768	31.7077	4.3152
33	32.7540	4.0217	32.7362	4.1646	32.7177	4.3074	32.6986	4.4501
34	33.7466	4.1436	33.7282	4.2908	33.7091	4.4379	33.6894	4.5849
35	34.7391	4.2654	34.7302	4.4170	34.7006	4.5684	34.6803	4.7198
36	35.7317	4.3873	35 7122	4.5432	35.6920	4.6989	35.6712	4.8546
37	36.7242	4.5092	36.7042	4.6694	36.6835	4.8295	36.6620	4.9895
38	37.7168	4.6310	37.6962	4.7956	37.6749	4.9600	37.6529	5.1243
39	38.7093	4.7529	38.6882	4.9218	38.6664	5.0905	38.6438	5.2592
40	39.7018	4.8748	39.6802	5 0480	39.6578	5.2210	39.6346	5.3940
41	40.6944	4.9966	40.6722	5.1742	40.6492	5.3516	40.6255	5.5289
42	41.6869	5.1185	41.6642	5.3004	41.6407	5.4821	41.6164	5.6637
43	42.6795	5.2404	42.6562	5.4266	42.6321	5.6126	42.6072	5.7986
44	43.6720	5.3622	43.6482	5.5528	43.6236	5.7432	43.5981	5.9334
45	44.6646	5.4841	44.6402	5.6790	44.6150	5.8737	44.5890	6.0683
46	45.6571	5.6060	45.6322	5 8052	45.6065	6,0042	45.5798	6.2031
47	46.6497	5.7279	46.6242	5.9314	46.5979	6.1347	46.5707	6.3380
48	47.6422	5.8497	47.6162	6 0576	47.5894	6.2653	47.5616	6.4728
49	48.6348	5.9716	48.6082	6.1838	48.5808	6.3958	48.5524	6.6077
50	49 6273	6.0935	49.6002	6.3100	49.5722	6.5263	49.5433	6.7425

No	7	83	7¼	82¾	7½	82½	7¾	82¼
51	50.6199	6.2153	50.5922	6.4361	50.5637	6.6568	50.5342	6.8774
52	51.6124	6.3372	51.5843	6.5623	51.5551	6.7874	51.5250	7.0122
53	52.6049	6.4591	52.5763	6.6885	52.5466	6.9179	52.5159	7.1471
54	53.5975	6.5809	53.5683	6.8147	53.5380	7.0484	53.5068	7.2819
55	54.5900	6.7028	54.5603	6.9409	54.5295	7.1789	54.4976	7.4168
56	55.5826	6.8247	55.5523	7.0671	55.5209	7.3095	55.4885	7.5517
57	56.5751	6.9466	56.5443	7.1933	56.5124	7.4400	56.4794	7.6865
58	57.5677	7.0684	57.5363	7.3195	57.5038	7.5705	57.4702	7.8214
59	58.5602	7.1903	58.5283	7.4457	58.4952	7.7010	58.4611	7.9562
60	59.5528	7.3122	59.5203	7.5719	59.4867	7.8316	59.4520	8.0911
61	60.5453	7.4340	60.5123	7.6981	60.4781	7.9621	60.4428	8.2259
62	61.5379	7.5559	61.5043	7.8243	61.4696	8.0926	61.4337	8.3608
63	62.5304	7.6778	62.4963	7.9505	62.4610	8.2232	62.4246	8.4956
64	63.5230	7.7996	63.4883	8.0767	63.4525	8.3537	63.4154	8.6305
65	64.5155	7.9215	64.4803	8.2029	64.4439	8.4842	64.4063	8.7653
66	65.5080	8.0434	65.4723	8.3291	65.4354	8.6147	65.3971	8.9002
67	66.5006	8.1652	66.4643	8.4553	66.4268	8.7453	66.3880	9.0350
68	67.4931	8.2871	67.4563	8.5815	67.4183	8.8758	67.3789	9.1699
69	68.4857	8.4090	68.4483	8.7077	68.4097	9.0063	68.3697	9.3047
70	69.4782	8.5309	69.4403	8.8339	69.4011	9.1368	69.3606	9.4396
71	70.4708	8.6527	70.4323	8.9601	70.3926	9.2674	70.3515	9.5744
72	71.4633	8.7746	71.4244	9.0863	71.3840	9.3979	71.3423	9.7093
73	72.4559	8.8965	72.4164	9.2125	72.3755	9.5284	72.3332	9.8441
74	73.4484	9.0183	73.4084	9.3387	73.3669	9.6589	73.3241	9.9790
75	74.4410	9.1402	74.4004	9.4649	74.3584	9.7895	74.3149	10.1138
76	75.4335	9.2621	75.3924	9.5911	75.3498	9.9200	75.3058	10.2487
77	76.4261	9.3839	76.3844	9.7173	76.3413	10.0505	76.2967	10.3835
78	77.4186	9.5058	77.3764	9.8435	77.3327	10.1810	77.2875	10.5184
79	78.4111	9.6277	78.3684	9.9697	78.3241	10.3116	78.2784	10.6532
80	79.4037	9.7495	79.3604	10.0959	79.3156	10.4421	79.2693	10.7881
81	80.3962	9.8714	80.3524	10.2221	80.3070	10.5726	80.2601	10.9229
82	81.3888	9.9933	81.3444	10.3483	81.2985	10.7031	81.2510	11.0578
83	82.3813	10.1152	82.3364	10.4745	82.2899	10.8337	82.2419	11.1926
84	83.3739	10.2370	83.3284	10.6007	83.2814	10.9642	83.2327	11.3275
85	84.3664	10.3589	84.3204	10.7269	84.2728	11.0947	84.2236	11.4623
86	85.3590	10.4808	85.3124	10.8531	85.2643	11.2253	85.2145	11.5972
87	86.3515	10.6026	86.3044	10.9793	86.2557	11.3558	86.2053	11.7320
88	87.3441	10.7245	87.2964	11.1055	87.2472	11.4863	87.1962	11.8669
89	88.3366	10.8464	88.2884	11.2317	88.2386	11.6168	88.1871	12.0017
90	89.3292	10.9682	89.2804	11.3579	89.2300	11.7474	89.1779	12.1366
91	90.3217	11.0901	90.2724	11.4841	90.2215	11.8779	90.1688	12.2714
92	91.3143	11.2120	91.2645	11.6103	91.2129	12.0084	91.1597	12.4063
93	92.3068	11.3338	92.2565	11.7365	92.2044	12.1389	92.1505	12.5411
94	93.2993	11.4557	93.2485	11.8627	93.1958	12.2695	93.1414	12.6760
95	94.2919	11.5776	94.2405	11.9889	94.1873	12.4000	94.1323	12.8108
96	95.2844	11.6995	95.2325	12.1151	95.1787	12.5305	95.1231	12.9457
97	96.2770	11.8213	96.2245	12.2413	96.1702	12.6610	96.1140	13.0805
98	97.2695	11.9432	97.2165	12.3675	97.1616	12.7916	97.1049	13.2154
99	98.2621	12.0651	98.2085	12.4937	98.1530	12.9221	98.0957	13.3502
100	99.2546	12.1869	99.2005	12.6199	99.1445	13.0526	99.0866	13.4851

No.	8	82	8¼	81¾	8½	81½	8¾	81¼
1	,9903	,1392	,9897	,1435	,9890	,1478	,9884	,1521
2	1.9805	,2783	1.9793	,2870	1.9780	,2956	1.9767	,3042
3	2.9708	,4175	2.9690	,4305	2.9670	,4434	2.9651	,4564
4	3.9611	,5567	3.9586	,5740	3.9561	,5912	3.9534	,6085
5	4.9513	,6959	4.9483	,7175	4.9451	,7390	4.9418	,7606
6	5.9416	,8350	5.9379	,8610	5.9341	,8869	5.9302	,9127
7	6.9319	,9742	6.9276	1.0044	6.9231	1.0347	6.9185	1.0649
8	7.9221	1.1134	7.9172	1.1479	7.9121	1.1825	7.9069	1.2170
9	8.9124	1.2526	8.9069	1.2914	8.9011	1.3303	8.8953	1.3691
10	9.9027	1.3917	9.8965	1.4349	9.8902	1.4781	9.8836	1.5212
11	10.8929	1.5309	10.8862	1.5784	10.8792	1.6259	10.8720	1.6734
12	11.8832	1.6701	11.8758	1.7219	11.8682	1.7737	11.8603	1.8255
13	12.8735	1.8093	12.8655	1.8654	12.8572	1.9215	12.8487	1.9776
14	13.8638	1.9484	13.8551	2.0089	13.8462	2.0693	13.8371	2.1297
15	14.8540	2.0876	14.8448	2.1524	14.8352	2.2171	14.8254	2.2819
16	15.8443	2.2268	15.8344	2.2959	15.8243	2.3650	15.8138	2.4340
17	16.8346	2.3659	16.8241	2.4394	16.8133	2.5128	16.8021	2.5861
18	17.8248	2.5051	17.8137	2.5829	17.8023	2.6606	17.7905	2.7382
19	18.8151	2.6443	18.8034	2.7264	18.7913	2.8084	18.7789	2.8903
20	19.8054	2.7835	19.7930	2.8699	19.7803	2.9562	19.7672	3.0425
21	20.7956	2.9226	20.7827	3.0133	20.7693	3.1040	20.7556	3.1946
22	21.7859	3.0618	21.7723	3.1568	21.7583	3.2518	21.7440	3.3467
23	22.7762	3.2010	22.7620	3.3003	22.7474	3.3996	22.7323	3.4988
24	23.7664	3.3402	23.7516	3.4438	23.7364	3.5474	23.7207	3.6510
25	24.7567	3.4793	24 7413	3.5873	24.7254	3.6952	24.7090	3.8031
26	25.7470	3.6185	25.7309	3.7308	25.7144	3.8430	25.6974	3.9552
27	26.7372	3.7577	26.7206	3 8743	26.7034	3 9909	26.6858	4.1073
28	27.7275	3.8968	27.7102	4.0178	27.6924	4.1387	27.6741	4.2595
29	28.7178	4.0360	28.6999	4.1613	28.6815	4.2865	28.6625	4.4116
30	29.7080	4.1752	29.6895	4.3048	29.6705	4 4343	29.6508	4.5637
31	30.6983	4.3144	30.6792	4.4483	30.6595	4.5821	30.6392	4.7158
32	31.6886	4.4535	31.6688	4.5918	31.6485	4.7299	31.6276	4.8679
33	32.6788	4.5927	32.6585	4.7353	32.6375	4 8777	32.6159	5.0201
34	33.6691	4.7319	33.6481	4.8787	33.6265	5.0255	33.6043	5.1722
35	34.6594	4.8711	34.6378	5.0222	34.6156	5.1733	34.5927	5.3243
36	35.6496	5.0102	35.6275	5.1657	35.6046	5.3211	35.5810	5.4764
37	36.6399	5.1494	36.6171	5.3092	36.5936	5.4689	36.5694	5.6286
38	37.6302	5.2886	37.6068	5.4527	37.5826	5.6168	37.5577	5,7807
39	38.6205	5.4278	38.5964	5.5962	38.5716	5.7646	38.5461	5.9328
40	39.6107	5.5669	39.5861	5.7397	39.5606	5.9124	39.5345	6.0849
41	40.6010	5.7061	40.5757	5.8832	40.5496	6.0602	40.5228	6.2371
42	41.5913	5.8453	41.5654	6.0267	41.5387	6.2080	41.5112	6.3892
43	42.5815	5.9844	42.5550	6.1702	42.5277	6.3558	42.4995	6.5413
44	43.5718	6.1236	43.5447	6.3137	43.5167	6.5036	43.4879	6.6934
45	44.5621	6.2628	44.5343	6.4572	44.5057	6.6514	44.4763	6.8456
46	45.5523	6.4020	45.5240	6.6007	45.4947	6.7992	45.4646	6.9977
47	46.5426	6.5411	46.5136	6.7442	46.4837	6.9470	46.4530	7.1498
48	47.5329	6.6803	47.5033	6.8876	47.4728	7.0949	47.4414	7.3019
49	48.5231	6.8195	48.4929	7.0311	48.4618	7.2427	48.4297	7.4540
50	49.5134	6.9587	49.4826	7.1746	49.4508	7.3905	49.4181	7.6062

No.	8	82	8¼	81¾	8½	81½	8¾	81¼
51	50.5037	7.0978	50.4722	7.3181	50.4398	7.5383	50.4064	7.7583
52	51.4939	7.2370	51.4619	7.4616	51.4288	7.6861	51.3948	7.9104
53	52.4842	7.3762	52.4515	7.6051	52.4178	7.8339	52.3832	8.0625
54	53.4745	7.5153	53.4412	7.7486	53.4069	7.9817	53.3715	8.2147
55	54.4647	7.6545	54.4308	7.8921	54.3959	8.1295	54.3599	8.3668
56	55.4550	7.7937	55.4205	8.0356	55.3849	8.2773	55.3482	8.5189
57	56.4453	7.9329	56.4101	8.1791	56.3739	8.4251	56.3366	8.6710
58	57.4355	8.0720	57.3998	8.3226	57.3629	8.5729	57.3250	8.8232
59	58.4258	8.2112	58.3894	8.4661	58.3519	8.7208	58.3133	8.9753
60	59.4161	8.3504	59.3791	8.6096	59.3409	8.8686	59.3017	9.1274
61	60.4063	8.4896	60.3687	8.7530	60.3300	9.0164	60.2901	9.2795
62	61.3966	8.6287	61.3584	8.8965	61.3190	9.1642	61.2784	9.4317
63	62.3869	8.7679	62.3480	9.0400	62.3080	9.3120	62.2668	9.5838
64	63.3772	8.9071	63.3377	9.1835	63.2970	9.4598	63.2551	9.7359
65	64.3674	9.0463	64.3273	9.3270	64.2860	9.6076	64.2435	9.8880
66	65.3577	9.1854	65.3170	9.4705	65.2750	9.7554	65.2319	10.0401
67	66.3480	9.3246	66.3066	9.6140	66.2641	9.9032	66.2202	10.1923
68	67.3382	9 4638	67.2963	9.7575	67.2531	10.0510	67.2086	10.3444
69	68.3285	9.6029	68.2859	9.9010	68.2421	10.1988	68.1969	10.4965
70	69.3188	9.7421	69.2756	10.0445	69.2311	10.3467	69.1853	10.6486
71	70.3090	9.8813	70.2652	10.1880	70.2201	10.4945	70.1737	10.8008
72	71.2993	10.0205	71.2549	10.3315	71.2091	10.6423	71.1620	10.9529
73	72.2896	10.1596	72.2446	10.4750	72.1982	10.7901	72.1504	11.1050
74	73.2798	10.2988	73.2342	10.6185	73.1872	10.9379	73.1388	11.2571
75	74.2701	10.4380	74.2239	10.7619	74.1762	11.0857	74.1271	11.4093
76	75.2604	10.5772	75.2135	10.9054	75.1652	11.2335	75.1155	11.5614
77	76.2506	10.7163	76.2032	11.0489	76.1542	11.3813	76.1038	11.7135
78	77.2409	10.8555	77.1928	11.1924	77.1432	11.5291	77.0922	11.8656
79	78.2312	10.9947	78.1825	11.3359	78.1322	11.6769	78.0806	12.0177
80	79.2214	11.1338	79.1721	11.4794	79.1213	11.8248	79.0689	12.1699
81	80.2117	11.2730	80.1618	11.6229	80.1103	11.9726	80.0573	12.3220
82	81.2020	11.4122	81.1514	11.7664	81.0993	12.1204	81.0456	12.4741
83	82.1922	11.5514	82.1411	11.9099	82.0883	12.2682	82.0340	12.6262
84	83.1825	11.6905	83.1307	12.0534	83.0773	12.4160	83.0224	12.7784
85	84.1728	11.8297	84.1204	12.1969	84.0663	12.5638	84.0107	12.9305
86	85.1630	11.9689	85.1100	12.3404	85.0554	12.7116	84.9991	13.0826
87	86.1533	12.1081	86.0997	12.4839	86.0444	12.8594	85.9875	13.2347
88	87.1436	12.2472	87.0893	12.6273	87.0334	13.0072	86.9758	13.3869
89	88.1339	12.3864	88.0790	12.7708	88.0224	13.1550	87.9642	13.5390
90	89.1241	12.5256	89.0686	12.9143	89.0114	13.3028	88.9525	13.6911
91	90.1144	12.6648	90.0583	13.0578	90.0004	13.4507	89.9409	13.8432
92	91.1047	12.8039	91.0479	13.2013	90.9895	13.5985	90.9293	13.9954
93	92.0949	12,9431	92.0376	13.3448	91.9785	13.7463	91.9176	14.1475
94	93.0852	13.0823	93.0272	13.4883	92.9675	13.8941	92.9060	14.2996
95	94.0755	13.2214	94.0169	13.6318	93.9565	14.0419	93.8943	14.4517
96	95.0657	13.3606	95.0065	13.7753	94.9455	14.1897	94.8827	14.6038
97	96.0560	13.4998	95.9962	13.9188	95.9345	14.3375	95.8711	14.7560
98	97.0463	13.6390	96.9858	14.0623	96.9235	14.4853	96.8594	14.9081
99	98.0365	13.7781	97.9755	14.2058	97.9126	14.6331	97.8478	15.0602
100	99.0268	13.9173	98.9651	14.3493	98.9016	14.7809	98.8362	15.2123

No.	9	81	9¼	80¾	9½	80½	9¾	80¼
1	,9877	,1564	,9870	,1607	,9863	,1650	,9856	,1693
2	1.9754	,3129	1.9740	,3215	1.9726	,3301	1.9711	,3387
3	2.9631	,4693	2.9610	,4822	2.9589	,4951	2.9567	,5080
4	3.9508	,6257	3.9480	,6430	3.9451	,6602	3.9422	,6774
5	4.9384	,7822	4.9350	,8037	4.9314	,8252	4.9278	,8467
6	5.9261	,9386	5.9220	,9645	5.9177	,9903	5.9133	1.0161
7	6.9138	1.0950	6.9090	1.1252	6.9040	1.1553	6.8989	1.1854
8	7.9015	1.2515	7.8960	1.2859	7.8903	1.3204	7.8844	1.3548
9	8.8892	1.4079	8.8830	1.4467	8.8766	1.4854	8.8700	1.5241
10	9.8769	1.5643	9.8700	1.6074	9.8629	1.6505	9.8556	1.6935
11	10.8646	1.7208	10.8570	1.7682	10.8491	1.8155	10.8411	1.8628
12	11.8523	1.8772	11.8440	1.9289	11.8354	1.9806	11.8267	2.0322
13	12.8399	2.0336	12.8310	2.0897	12.8217	2.1456	12.8122	2.2015
14	13.8276	2.1901	13.8179	2.2504	13.8080	2.3107	13.7978	2.3709
15	14.8153	2.3465	14.8049	2.4111	14.7943	2.4757	14.7833	2.5402
16	15.8030	2.5030	15.7919	2.5719	15.7806	2.6408	15.7689	2.7096
17	16.7907	2.6594	16.7789	2.7326	16.7669	2.8058	16.7545	2.8789
18	17.7784	2.8158	17.7659	2.8934	17.7531	2.9709	17.7400	3.0483
19	18.7661	2.9723	18.7529	3.0541	18.7394	3.1359	18.7256	3.2176
20	19.7538	3.1287	19.7399	3.2149	19.7257	3.3010	19.7111	3.3870
21	20.7415	3.2851	20.7269	3.3756	20.7120	3.4660	20.6967	3.5563
22	21.7291	3.4416	21.7139	3.5363	21.6983	3.6310	21.6822	3.7257
23	22.7168	3.5980	22.7009	3.6971	22.6846	3.7961	22.6678	3.8950
24	23.7045	3.7544	23.6879	3.8578	23.6709	3.9611	23.6533	4.0644
25	24.6922	3.9109	24.6749	4.0186	24.6571	4.1262	24.6389	4.2337
26	25.6799	4.0673	25.6619	4.1793	25.6434	4.2912	25.6245	4.4031
27	26.6676	4.2237	26.6489	4.3401	26.6297	4.4563	26.6100	4.5724
28	27.6553	4.3802	27.6359	4.5008	27.6160	4.6213	27.5956	4.7418
29	28.6430	4.5366	28.6229	4.6615	28.6023	4.7864	28.5811	4.9111
30	29.6306	4.6930	29.6099	4.8223	29.5886	4.9514	29.5667	5.0805
31	30.6183	4.8495	30.5969	4.9830	30.5749	5.1165	30.5522	5.2498
32	31.6060	5.0059	31.5839	5.1438	31.5611	5.2815	31.5378	5.4192
33	32.5937	5.1623	32.5709	5.3045	32.5474	5.4466	32.5234	5.5885
34	33.5814	5.3188	33.5579	5.4652	33.5337	5.6116	33.5089	5.7579
35	34.5691	5.4752	34.5449	5.6260	34.5200	5.7767	34.4945	5.9272
36	35.5568	5.6316	35.5319	5.7867	35.5063	5.9417	35.4800	6.0966
37	36.5445	5.7881	36.5189	5.9475	36.4926	6.1068	36.4656	6.2659
38	37.5322	5.9445	37.5059	6.1082	37.4789	6.2718	37.4511	6.4353
39	38.5198	6.1009	38.4929	6.2690	38.4651	6.4369	38.4367	6.6046
40	39.5075	6.2574	39.4799	6.4297	39.4514	6.6019	39.4222	6.7740
41	40.4952	6.4138	40.4669	6.5904	40.4377	6.7670	40.4078	6.9433
42	41.4829	6.5702	41.4538	6.7512	41.4240	6.9320	41.3934	7.1127
43	42.4706	6.7267	42.4408	6.9119	42.4103	7.0970	42.3789	7.2820
44	43.4583	6.8831	43.4278	7.0727	43.3966	7.2621	43.3645	7.4514
45	44.4460	7.0396	44.4148	7.2334	44.3829	7.4271	44.3500	7.6207
46	45.4337	7.1960	45.4018	7.3942	45.3691	7.5922	45.3356	7.7901
47	46.4214	7.3524	46.3888	7.5549	46.3554	7.7572	46.3211	7.9594
48	47.4090	7.5089	47.3758	7.7156	47.3417	7.9223	47.3067	8.1288
49	48.3967	7.6653	48.3628	7.8764	48.3280	8.0873	48.2922	8.2981
50	49.3844	7.8217	49.3498	8.0371	49.3143	8.2524	49.2778	8.4675

No.	9	81	9¼	80¾	9½	80½	9¾	80¼
51	50.3721	7.9782	50.3368	8.1979	50.3006	8.4174	50.2634	8.6368
52	51.3598	8.1346	51.3238	8.3586	51.2869	8.5825	51.2489	8.8062
53	52.3475	8.2910	52.3108	8.5194	52.2731	8.7475	52.2345	8.9755
54	53.3352	8.4475	53.2978	8.6801	53.2594	8.9126	53.2200	9.1449
55	54.3229	8.6039	54.2848	8.8408	54.2457	9.0776	54.2056	9.3142
56	55.3105	8.7603	55.2718	9.0016	55.2320	9.2427	55.1911	9.4836
57	56.2982	8.9168	56.2588	9.1623	56.2183	9.4077	56.1767	9.6529
58	57.2859	9.0732	57.2458	9.3231	57.2046	9.5728	57.1623	9.8223
59	58.2736	9.2296	58.2328	9.4838	58.1909	9.7378	58.1478	9.9916
60	59.2613	9.3861	59.2198	9.6446	59.1771	9.9029	59.1334	10.1610
61	60.2490	9.5425	60.2068	9.8053	60.1634	10.0679	60.1189	10.3303
62	61.2367	9.6989	61.1938	9.9660	61.1497	10.2330	61.1045	10.4997
63	62.2244	9.8554	62.1808	10.1268	62.1360	10.3980	62.0900	10.6690
64	63.2121	10.0118	63.1678	10.2875	63.1223	10.5630	63.0756	10.8384
65	64.1997	10.1682	64.1548	10.4483	64.1086	10.7281	64.0611	11.0077
66	65.1874	10.3247	65.1418	10.6090	65.0948	10.8931	65.0467	11.1771
67	66.1751	10.4811	66.1288	10.7698	66.0811	11.0582	66.0323	11.3464
68	67.1628	10.6375	67.1158	10.9305	67.0674	11.2232	67.0178	11.5158
69	68.1505	10.7940	68.1028	11.0912	68.0537	11.3883	68.0034	11.6851
70	69.1382	10.9504	69.0897	11.2520	69.0400	11.5533	68.9889	11.8545
71	70.1259	11.1068	70.0767	11.4127	70.0263	11.7184	69.9745	12.0238
72	71.1136	11.2633	71.0637	11.5735	71.0126	11.8834	70.9600	12.1932
73	72.1012	11.4197	72.0507	11.7342	71.9988	12.0485	71.9456	12.3625
74	73.0889	11.5762	73.0377	11.8950	72.9851	12.2135	72.9312	12.5319
75	74.0766	11.7326	74.0247	12.0557	73.9714	12.3786	73.9167	12.7012
76	75.0643	11.8890	75.0117	12.2164	74.9577	12.5436	74.9023	12.8706
77	76.0520	12.0455	75.9987	12.3772	75.9440	12.7087	75.8878	13.0399
78	77.0397	12.2019	76.9857	12.5379	76.9303	12.8737	76.8734	13.2093
79	78.0274	12.3583	77.9727	12.6987	77.9166	13.0388	77.8589	13.3786
80	79.0151	12.5148	78.9597	12.8594	78.9028	13.2038	78.8445	13.5480
81	80.0028	12.6712	79.9467	13.0202	79.8891	13.3689	79.8300	13.7173
82	80.9904	12.8276	80.9337	13.1809	80.8754	13.5339	80.8156	13.8867
83	81.9781	12.9841	81.9207	13.3416	81.8617	13.6990	81.8012	14.0560
84	82.9658	13.1405	82.9077	13.5024	82.8480	13.8640	82.7867	14.2254
85	83.9535	13.2969	83.8947	13.6631	83.8343	14.0290	83.7723	14.3947
86	84.9412	13.4534	84.8817	13.8239	84.8206	14.1941	84.7578	14.5641
87	85.9289	13.6098	85.8687	13.9846	85.8068	14.3591	85.7434	14.7334
88	86.9166	13.7662	86.8557	14.1453	86.7931	14.5242	86.7289	14.9028
89	87.9043	13.9227	87.8427	14.3061	87.7794	14.6892	87.7145	15.0721
90	88.8919	14.0791	88.8297	14.4668	88.7657	14.8543	88.7000	15.2415
91	89.8796	14.2355	89.8167	14.6276	89.7520	15.0193	89.6856	15.4108
92	90.8673	14.3920	90.8037	14.7883	90.7383	15.1844	90.6712	15.5802
93	91.8550	14.5484	91.7907	14.9491	91.7246	15.3494	91.6567	15.7495
94	92.8427	14.7048	92.7777	15.1098	92.7108	15.5145	92.6423	15.9189
95	93.8304	14.8613	93.7647	15.2705	93.6971	15.6795	93.6278	16.0882
96	94.8181	15.0177	94.7517	15.4313	94.6834	15.8446	94.6134	16.2576
97	95.8058	15.1741	95.7387	15.5920	95.6697	16.0096	95.5989	16.4269
98	96.7935	15.3306	96.7256	15.7528	96.6560	16.1747	96.5845	16.5963
99	97.7811	15.4870	97.7126	15.9135	97.6423	16.3397	97.5701	16.7656
100	98.7688	15.6435	98.6996	16.0743	98.6286	16.5048	98.5556	16.9350

No	10	80	10¼	79¾	10½	79½	10¾	79¼
1	,9848	,1736	,9840	,1779	,9833	,1822	,9825	,1865
2	1.9696	,3473	1.9681	,3559	1.9665	,3645	1.9649	,3730
3	2.9544	,5209	2.9521	,5338	2.9498	,5467	2.9474	,5596
4	3.9392	,6946	3.9362	,7118	3.9330	,7289	3.9298	,7461
5	4.9240	,8682	4.9202	,8897	4.9163	,9112	4.9123	,9326
6	5.9088	1.0419	5.9042	1.0677	5.8995	1.0934	5.8947	1.1191
7	6.8937	1.2155	6.8883	1.2456	6.8828	1.2756	6.8772	1.3057
8	7.8785	1.3892	7.8723	1.4235	7.8660	1.4579	7.8596	1.4922
9	8.8633	1.5628	8.8564	1.6015	8.8493	1.6401	8.8421	1.6787
10	9.8481	1.7365	9.8404	1.7794	9.8325	1.8224	9.8245	1.8652
11	10.8329	1.9101	10.8244	1.9574	10.8158	2.0046	10.8070	2.0518
12	11.8177	2.0838	11.8085	2.1353	11.7991	2.1868	11.7894	2.2383
13	12.8025	2.2574	12.7925	2.3133	12.7823	2.3691	12.7719	2.4248
14	13.7873	2.4311	13.7766	2.4912	13.7656	2.5513	13.7543	2.6113
15	14.7721	2.6047	14.7606	2.6692	14.7488	2.7335	14.7368	2.7979
16	15.7569	2.7784	15.7447	2.8471	15.7321	2.9158	15.7192	2.9844
17	16.7417	2.9520	16.7287	3.0250	16.7153	3.0980	16.7017	3.1709
18	17.7265	3.1257	17.7127	3.2030	17.6986	3.2802	17.6841	3.3574
19	18.7113	3.2993	18.6968	3.3809	18.6818	3.4625	18.6666	3.5440
20	19.6962	3.4730	19.6808	3.5589	19.6651	3.6447	19.6490	3.7305
21	20.6810	3.6466	20.6649	3.7368	20.6484	3.8269	20.6315	3.9170
22	21.6658	3.8203	21.6489	3.9148	21.6316	4.0092	21.6139	4.1035
23	22.6506	3.9939	22.6329	4.0927	22.6149	4.1914	22.5964	4.2901
24	23.6354	4.1676	23.6170	4.2706	23.5981	4.3737	23.5788	4.4766
25	24.6202	4.3412	24.6010	4.4486	24.5814	4.5559	24.5613	4.6631
26	25.6050	4.5149	25.5851	4.6265	25.5646	4.7381	25.5437	4.8496
27	26.5898	4.6885	26.5691	4.8045	26.5479	4.9204	26.5262	5.0361
28	27.5746	4.8621	27 5531	4.9824	27.5311	5.1026	27.5086	5.2227
29	28.5594	5.0358	28.5372	5.1614	28.5144	5.2848	28.4911	5.4092
30	29.5442	5.2094	29.5212	5.3383	29.4976	5 4671	29.4735	5.5957
31	30.5290	5.3831	30.5053	5.5162	30.4809	5.6493	30.4560	5.7822
32	31.5138	5.5567	31.4893	5.6942	31.4642	5.8315	31.4384	5.9688
33	32.4987	5.7304	32.4733	5.8721	32.4474	6.0138	32.4209	6.1553
34	33.4835	5.9040	33.4574	6.0501	33.4307	6.1960	33.4033	6.3418
35	34.4683	6.0777	34.4414	6.2280	34.4139	6.3782	34.3858	6.5283
36	35.4531	6.2513	35.4255	6.4060	35.3972	6.5605	35.3682	6.7149
37	36.4379	6.4250	36.4095	6.5839	36.3804	6.7427	36.3507	6.9014
38	37.4227	6.5986	37.3935	6.7619	37.3637	6.9249	37.3331	7.0879
39	38.4075	6.7723	38.3776	6.9398	38.3469	7.1072	38.3156	7.2744
40	39.3923	6.9459	39.3616	7.1177	39.3302	7.2894	39.2980	7.4610
41	40.3771	7.1196	40.3457	7.2957	40.3135	7.4717	40.2805	7.6475
42	41.3619	7.2932	41.3297	7.4736	41.2967	7.6539	41.2629	7.8340
43	42.3467	7.4669	42.3138	7.6516	42.2800	7.8361	42.2454	8.0205
44	43.3315	7.6405	43.2978	7.8295	43.2632	8.0184	43.2278	8.2071
45	44.3163	7.8142	44.2818	8.0075	44.2465	8.2006	44.2103	8.3936
46	45.3012	7.9878	45.2659	8.1854	45.2297	8.3828	45.1927	8.5801
47	46.2860	8.1615	46.2499	8.3633	46.2130	8.5651	46.1752	8.7666
48	47.2708	8.3351	47.2340	8.5413	47.1962	8.7473	47.1576	8.9532
49	48.2556	8.5088	48.2180	8.7192	48.1795	8.9295	48.1401	9.1397
50	49.2404	8.6824	49.2020	8.8972	49.1627	9.1118	49.1225	9.3262

No.	10	80	10¼	79¾	10½	79½	10¾	79¼
51	50.2252	8.8561	50.1861	9.0751	50.1460	9.2940	50.1050	9.5127
52	51.2100	9.0297	51.1701	9.2531	51.1293	9.4762	51.0874	9.6992
53	52.1948	9.2034	52.1542	9.4310	52.1125	9.6585	52.0699	9.8858
54	53.1796	9.3770	53.1382	9.6089	53.0958	9.8407	53.0523	10.0723
55	54.1644	9.5507	54.1222	9.7869	54.0790	10.0230	54.0348	10.2588
56	55.1492	9.7243	55.1063	9.9648	55.0623	10.2052	55.0172	10.4453
57	56.1340	9.8979	56.0903	10.1428	56.0455	10.3874	55.9997	10.6319
58	57.1188	10.0716	57.0744	10.3207	57.0288	10.5697	56.9821	10.8184
59	58.1037	10.2452	58.0584	10.4987	58.0120	10.7519	57.9646	11.0049
60	59.0885	10.4189	59.0424	10.6766	58.9953	10.9341	58.9470	11.1914
61	60.0733	10.5925	60.0265	10.8546	59.9785	11.1164	59.9295	11.3780
62	61.0581	10.7662	61.0105	11.0325	60.9618	11.2986	60.9119	11.5645
63	62.0429	10.9398	61.9946	11.2104	61.9451	11.4808	61.8944	11.7510
64	63.0277	11.1135	62.9786	11.3884	62.9283	11.6631	62.8768	11.9375
65	64.0125	11.2871	63.9626	11.5663	63.9116	11.8453	63.8593	12.1241
66	64.9973	11.4608	64.9467	11.7443	64.8948	12.0275	64.8417	12.3106
67	65 9821	11.6344	65.9307	11.9222	65.8781	12.2098	65.8242	12.4971
68	66.9669	11.8081	66.9148	12.1002	66.8613	12.3920	66.8066	12.6836
69	67.9517	11.9817	67.8988	12.2781	67.8446	12.5742	67.7891	12.8702
70	68.9365	12.1554	68.8828	12.4560	68.8278	12.7565	68.7715	13.0567
71	69.9213	12.3290	69.8669	12.6340	69.8111	12.9387	69.7540	13.2432
72	70.9062	12.5027	70.8509	12.8119	70.7944	13.1210	70.7364	13.4297
73	71.8910	12.6763	71.8350	12.9899	71.7776	13.3032	71.7189	13.6163
74	72.8758	12.8500	72.8190	13.1678	72.7609	13.4854	72.7013	13.8028
75	73.8606	13.0236	73.8031	13.3458	73.7441	13.6677	73.6838	13.9893
76	74.8454	13.1973	74.7871	13.5237	74.7274	13.8499	74.6662	14.1758
77	75.8302	13.3709	75.7711	13.7016	75.7106	14.0321	75.6487	14.3623
78	76.8150	13.5446	76.7552	13.8796	76.6939	14.2144	76.6311	14.5489
79	77.7998	13.7182	77.7392	14.0575	77.6771	14.3966	77.6136	14.7354
80	78.7846	13.8919	78.7233	14.2355	78.6604	14.5788	78.5960	14.9219
81	79.7694	14.0655	79.7073	14.4134	79.6436	14.7611	79.5785	15.1084
82	80.7542	14.2392	80.6913	14.5914	80.6269	14.9433	80.5609	15.2950
83	81.7390	14.4128	81.6754	14.7693	81.6102	15.1255	81.5434	15.4815
84	82.7238	14.5864	82.6594	14.9473	82.5934	15.3078	82.5258	15.6680
85	83.7087	14.7601	83.6435	15.1252	83.5767	15.4900	83.5083	15.8545
86	84.6935	14.9337	84.6275	15.3031	84.5599	15.6723	84.4907	16.0411
87	85.6783	15.1074	85.6115	15.4811	85.5432	15.8545	85.4732	16.2276
88	86 6631	15.2810	86.5956	15.6590	86.5264	16.0367	86.4556	16 4141
89	87.6479	15.4547	87.5796	15.8370	87.5097	16.2190	87.4381	16.6006
90	88.6327	15.6283	88.5637	16.0149	88.4929	16.4012	88.4205	16.7872
91	89.6175	15.8020	89.5477	16.1929	89.4762	16.5834	89.4030	16.9737
92	90.6023	15.9756	90.5317	16.3708	90.4595	16.7657	90.3854	17.1602
93	91.5871	16.1493	91.5158	16.5487	91.4427	16.9479	91.3679	17.3467
94	92.5719	16.3229	92 4998	16.7267	92.4260	17 1301	92.3503	17.5333
95	93.5567	16.4966	93.4839	16.9046	93.4092	17.3124	93.3328	17.7198
96	94.5415	16.6702	94.4679	17.0826	94.3925	17.4946	94.3152	17.9063
97	95.5263	16.8439	95.4519	17.2605	95.3757	17.6768	95.2977	18.0928
98	96.5112	17.0175	96.4360	17.4385	96.3590	17.8591	96.2801	18.2794
99	97.4960	17.1912	97.4200	17.6164	97.3422	18.0413	97.2626	18.4659
100	98.4808	17.3648	98.4041	17.7944	98.3255	18.2236	98.2450	18.6524

No.	11	79	11¼	78¾	11½	78½	11¾	78¼
1	,9816	,1908	,9808	,1951	,9799	,1994	,9790	,2036
2	1.9633	,3816	1.9616	,3902	1.9598	,3987	1.9581	,4073
3	2.9449	,5724	2.9424	,5853	2.9398	,5981	2.9371	,6109
4	3.9265	,7632	3.9231	,7804	3.9197	,7975	3.9162	,8146
5	4.9081	,9540	4.9039	,9755	4.8996	,9968	4.8952	1.0182
6	5.8898	1.1449	5.8847	1.1705	5.8795	1.1962	5.8743	1.2219
7	6.8714	1.3357	6.8655	1.3656	6.8595	1.3956	6.8533	1.4255
8	7.8530	1.5265	7.8463	1.5607	7.8394	1.5949	7.8324	1.6291
9	8.8346	1.7173	8.8271	1.7558	8.8193	1.7943	8.8114	1.8328
10	9.8163	1.9081	9.8079	1.9509	9.7992	1.9937	9.7905	2.0364
11	10.7979	2.0989	10.7886	2.1460	10.7792	2.1930	10.7695	2.2401
12	11.7795	2.2897	11.7694	2.3411	11.7591	2.3924	11.7485	2.4437
13	12.7612	2.4805	12.7502	2.5362	12.7390	2.5918	12.7276	2.6473
14	13.7428	2.6713	13.7310	2.7313	13.7189	2.7912	13.7066	2.8510
15	14.7244	2.8621	14.7118	2.9264	14.6989	2.9905	14.6857	3.0546
16	15.7060	3.0529	15.6926	3.1214	15.6788	3.1899	15.6647	3.2583
17	16.6877	3.2438	16.6734	3.3165	16.6587	3.3893	16.6438	3.4619
18	17.6693	3.4346	17.6541	3.5116	17.6386	3.5886	17.6228	3.6656
19	18.6509	3.6254	18.6349	3.7067	18.6186	3.7880	18.6019	3.8692
20	19.6325	3.8162	19.6157	3.9018	19.5985	3.9874	19.5809	4.0728
21	20.6142	4.0070	20.5965	4.0969	20.5784	4.1867	20.5600	4.2765
22	21.5958	4.1978	21.5773	4.2920	21.5583	4.3861	21.5390	4.4801
23	22.5774	4.3886	22.5581	4.4871	22.5383	4.5855	22.5180	4.6838
24	23.5591	4.5794	23.5388	4.6822	23.5182	4.7848	23.4971	4.8874
25	24.5407	4.7702	24.5196	4 8773	24.4981	4.9842	24.4761	5.0910
26	25.5223	4.9610	25.5004	5.0723	25.4780	5.1836	25.4552	5.2947
27	26.5039	5.1518	26.4812	5.2674	26.4580	5.3829	26.4342	5.4983
28	27.4856	5.3427	27.4620	5.4625	27.4379	5.5823	27.4133	5.7020
29	28.4672	5.5335	28.4428	5.6576	28.4178	5.7817	28.3923	5.9056
30	29.4488	5.7243	29.4236	5.8527	29.3977	5.9810	29.3714	6.1093
31	30.4304	5.9151	30.4043	6.0478	30.3777	6.1804	30.3504	6.3129
32	31.4121	6.1059	31.3851	6.2429	31.3576	6.3798	31.3295	6.5165
33	32.3937	6.2967	32.3659	6.4380	32.3375	6 5791	32.3085	6.7202
34	33.3753	6.4875	33.3467	6.6331	33.3174	6.7785	33.2875	6.9238
35	34.3569	6.6783	34.3275	6.8282	34.2974	6.9779	34.2666	7.1275
36	35.3386	6.8691	35.3083	7.0233	35.2773	7.1772	35.2456	7.3311
37	36.3202	7.0599	36.2891	7.2183	36.2572	7.3766	36.2247	7.5347
38	37.3018	7.2507	37.2698	7.4134	37.2371	7.5760	37.2037	7.7384
39	38.2835	7.4416	38.2506	7.6085	38.2171	7.7753	38.1828	7.9420
40	39.2651	7.6324	39.2314	7.8036	39.1970	7.9747	39.1618	8.1457
41	40.2467	7.8232	40.2122	7.9987	40.1769	8.1741	40.1409	8 3493
42	41.2283	8.0140	41.1930	8.1938	41.1568	8.3735	41.1199	8.5530
43	42.2100	8.2048	42.1738	8.3889	42 1368	8.5728	42.0990	8 7566
44	43.1916	8.3956	43.1546	8.5840	43.1167	8.7722	43.0780	8.9602
45	44.1732	8.5864	44.1353	8.7791	44.0966	8.9716	44.0570	9.1639
46	45.1548	8.7772	45.1161	8.9742	45.0765	9.1709	45.0361	9.36~~57~~75
47	46.1365	8.9580	46.0969	9.1692	46.0565	9.3703	46.0151	9.5712
48	47.1181	9 1588	47.0777	9.3643	47.0364	9.5697	46.9942	9.7748
49	48.0997	9.3496	48.0585	9.5594	48.0163	9.7690	47.9732	9.9784
50	49 0814	9.5405	49.0392	9.7545	48.9962	9.9684	48.9523	10.1821

No.	11	79	11¼	78¾	11½	78½	11¾	78¼
51	50.0630	9.7313	50.0201	9.9496	49.9762	10.1678	49.9313	10.3857
52	51.0446	9.9221	51.0008	10.1447	50.9561	10.3671	50.9104	10.5894
53	52.0262	10.1129	51.9816	10.3398	51.9360	10.5665	51.8894	10.7930
54	53.0079	10.3037	52.9624	10.5349	52.9159	10.7659	52.8685	10.9967
55	53.9895	10.4945	53.9432	10.7300	53.8959	10.9652	53.8475	11.2003
56	54.9711	10.6853	54.9240	10.9251	54.8758	11.1646	54.8265	11.4039
57	55.9527	10.8761	55.9048	11.1201	55.8557	11.3640	55.8056	11.6076
58	56.9344	11.0669	56.8855	11.3152	56.8356	11.5633	56.7846	11.8112
59	57.9160	11.2577	57.8663	11.5103	57.8156	11.7627	57.7637	12.0149
60	58.8976	11.4485	58.8471	11.7054	58.7955	11.9621	58.7427	12.2185
61	59.8793	11.6393	59.8279	11.9005	59.7754	12.1614	59.7218	12.4221
62	60.8609	11.8302	60.8087	12.0956	60.7553	12.3608	60.7008	12.6258
63	61.8425	12.0210	61.7895	12.2907	61.7353	12.5602	61.6799	12.8294
64	62.8241	12.2118	62.7703	12.4858	62.7152	12.7595	62.6589	13.0331
65	63.8058	12.4026	63.7510	12.6809	63.6951	12.9589	63.6380	13.2367
66	64.7874	12.5934	64.7318	12.8760	64.6750	13.1583	64.6170	13.4404
67	65.7690	12.7842	65.7126	13.0711	65.6550	13.3576	65.5960	13.6440
68	66.7506	12.9750	66.6934	13.2661	66.6349	13.5570	66.5751	13.8476
69	67.7323	13.1658	67.6742	13.4612	67.6148	13.7564	67.5541	14.0513
70	68.7139	13.3566	68.6550	13.6563	68.5947	13.9558	68.5332	14.2549
71	69.6955	13.5474	69.6358	13.8514	69.5747	14.1551	69.5122	14.4586
72	70.6772	13.7382	70.6165	14.0465	70.5546	14.3545	70.4913	14.6622
73	71.6588	13.9291	71.5973	14.2416	71.5345	14.5539	71.4703	14.8658
74	72.6404	14.1199	72.5781	14.4367	72.5144	14.7532	72.4494	15.0695
75	73.6220	14.3107	73.5589	14.6318	73.4944	14.9526	73.4284	15.2731
76	74.6037	14.5015	74.5397	14.8269	74.4743	15.1520	74.4075	15.4768
77	75.5853	14.6923	75.5205	15.0220	75.4542	15.3513	75.3865	15.6804
78	76.5669	14.8831	76.5013	15.2170	76.4341	15.5507	76.3655	15.8841
79	77.5485	15.0739	77.4820	15.4121	77.4141	15.7501	77.3446	16.0877
80	78.5302	15.2647	78.4628	15.6072	78.3940	15.9494	78.3236	16.2913
81	79.5118	15.4555	79.4436	15.8023	79.3739	16.1488	79.3027	16.4950
82	80.4934	15.6463	80.4244	15.9974	80.3538	16.3482	80.2817	16.6986
83	81.4750	15.8371	81.4052	16.1925	81.3338	16.5475	81.2608	16.9023
84	82.4567	16.0280	82 3860	16.3876	82.3137	16.7469	82.2398	17.1059
85	83.4383	16.2188	83.3668	16.5827	83.2936	16.9463	83.2189	17.3095
86	84.4199	16.4096	84.3475	16.7778	84.2735	17.1456	84.1979	17.5132
87	85.4016	16.6004	85.3283	16.9729	85.2534	17.3450	85.1770	17.7168
88	86.3832	16.7912	86.3091	17.1679	86.2334	17 5444	86.1560	17.9205
89	87.3648	16 9820	87.2899	17.3630	87.2133	17.7437	87.1350	18.1241
90	88.3464	17.1728	88.2707	17.5581	88.1932	17.9431	88.1141	18.3278
91	89.3281	17.3636	89.2515	17.7532	89.1731	18.1425	89.0931	18.5314
92	90.3097	17.5544	90.2322	17 9483	90.1531	18.3418	90.0722	18.7350
93	91.2913	17.7452	91.2130	18.1434	91 1330	18.5412	91.0512	18.9387
94	92.2729	17.9360	92.1938	18.3385	92.1129	18.7406	92.0303	19.1423
95	93.2546	18.1269	93.1746	18.5336	93.0928	18.9400	93.0093	19.3460
96	94.2362	18.3177	94.1554	18.7287	94.0728	19.1393	93.9884	19.5496
97	95.2178	18.5085	95.1362	18.9238	95.0527	19.3387	94.9674	19.7532
98	96.1995	18.6993	96.1170	19.1188	96.0326	19.5381	95.9465	19.9569
99	97.1811	18.8901	97.0977	19.3139	97.0125	19.7374	96.9255	20.1605
100	98.1627	10.0809	98.0785	19.5090	97.9925	19.9368	97.9046	20.3642

No.	12	78	12¼	77¾	12½	77½	12¾	77¼
1	,9781	,2079	,9772	,2122	,9763	,2164	,9753	,2207
2	1.9563	,4158	1.9545	,4244	1.9526	,4329	1.9507	,4414
3	2.9344	,6237	2.9317	,6365	2.9289	,6493	2.9260	,6621
4	3.9126	,8316	3.9089	,8487	3.9052	,8658	3.9014	,8828
5	4.8907	1.0396	4.8862	1.0609	4.8815	1.0822	4.8767	1.1035
6	5.8689	1.2475	5.8634	1.2731	5.8578	1.2986	5.8521	1.3242
7	6.8470	1.4554	6.8406	1.4852	6.8341	1.5151	6.8274	1.5449
8	7.8252	1.6633	7.8178	1.6974	7.8104	1.7315	7.8027	1.7656
9	8.8033	1.8712	8.7951	1.9096	8.7867	1.9480	8.7781	1.9863
10	9.7815	2.0791	9.7723	2.1218	9.7630	2.1644	9.7534	2.2070
11	10.7596	2.2870	10.7495	2.3340	10.7393	2.3808	10.7288	2.4277
12	11.7378	2.4949	11.7268	2.5461	11.7156	2.5973	11.7041	2.6484
13	12.7159	2.7029	12.7040	2.7583	12.6918	2.8137	12.6794	2.8691
14	13.6941	2.9108	13.6812	2.9705	13.6681	3.0302	13.6548	3.0898
15	14.6722	3.1187	14.6585	3.1827	14.6445	3.2466	14.6301	3.3105
16	15.6504	3.3266	15.6357	3.3948	15.6207	3.4630	15.6055	3.5312
17	16.6285	3.5345	16.6129	3.6070	16.5970	3.6795	16.5808	3.7519
18	17.6067	3.7424	17.5902	3.8192	17.5733	3.8959	17.5562	3.9726
19	18.5848	3.9503	18.5674	4.0314	18.5496	4.1124	18.5315	4.1933
20	19.5630	4.1582	19.5446	4.2436	19.5259	4.3288	19.5068	4.4139
21	20.5411	4.3661	20.5219	4.4557	20.5022	4.5452	20.4822	4.6346
22	21.5192	4.5741	21.4991	4.6679	21.4785	4.7617	21.4575	4.8553
23	22.4974	4.7820	22.4763	4.8801	22.4548	4.9781	22.4329	5.0760
24	23.4755	4.9899	23.4535	5.0923	23.4311	5.1946	23.4082	5.2967
25	24.4537	5.1978	24.4308	5.3044	24.4074	5.4110	24.3836	5.5174
26	25.4318	5.4057	25.4080	5.5166	25.3837	5 6274	25.3589	5.7381
27	26.4100	5.6136	26.3852	5.7288	26.3600	5.8439	26.3342	5.9588
28	27.3881	5.8215	27 3625	5.9410	27.3363	6.0603	27.3096	6.1795
29	28.3663	6.0294	28.3397	6.1532	28.3126	6.2767	28.2849	6.4002
30	29.3444	6.2374	29.3169	6.3653	29.2889	6.4932	29.2603	6.6209
31	30.3226	6.4453	30.2942	6.5775	30.2652	6.7096	30.2356	6.8416
32	31.3007	6.6532	31.2714	6.7897	31.2415	6.9261	31.2110	7.0623
33	32.2789	6.8611	32.2486	7.0019	32.2178	7.1425	32.1863	7.2830
34	33.2570	7.0690	33.2259	7.2140	33.1941	7.3589	33.1616	7.5037
35	34.2352	7.2769	34.2031	7.4262	34.1704	7.5754	34.1370	7.7244
36	35.2133	7.4848	35.1803	7.6384	35.1467	7.7918	35.1123	7.9451
37	36.1915	7.6927	36.1576	7.8506	36.1230	8.0083	36.0877	8.1658
38	37.1696	7.9006	37.1348	8.0628	37.0992	8.2247	37.0630	8.3865
39	38.1478	8.1086	38.1120	8.2749	38.0755	8.4411	38.0383	8.6072
40	39.1259	8.3165	39.0892	8.4871	39.0518	8.6576	39.0137	8.8279
41	40.1041	8.5244	40.0665	8.6993	40.0281	8.8740	39.9890	9.0486
42	41.0822	8.7323	41.0437	8.9115	41.0044	9.0905	40.9644	9.2693
43	42.0603	8.9402	42.0209	9.1236	41.9807	9.3069	41.9397	9.4900
44	43.0385	9.1481	42.9982	9.3358	42.9570	9.5233	42.9151	9 7107
45	44.0166	9.3560	43.9754	9.5480	43.9333	9.7398	43.8904	9.9314
46	44.9948	9.5639	44.9526	9.7602	44.9096	9.9562	44.8657	10.1521
47	45.9729	9.7718	45.9299	9.9724	45.8859	10.1727	45.8411	10.3728
48	46.9511	9.9798	46.9071	10.1845	46.8622	10.3891	46.8164	10.5935
49	47.9292	10.1877	47.8843	10.3967	47.8385	10.6055	47.7918	10.8142
50	48.9074	10.3956	48.8616	10.6089	48.8148	10.8220	48.7671	11.0349

No.	12	78	12¼	77¾	12½	77½	12¾	77¼
51	49.8855	10.6035	49.8388	10.8211	49.7911	11.0384	49.7425	11.2556
52	50.8637	10.8114	50.8160	11.0332	50.7674	11.2549	50.7178	11.4763
53	51.8418	11.0193	51.7932	11.2454	51.7437	11.4713	51.6931	11.6970
54	52.8200	11.2272	52.7705	11.4576	52.7200	11.6877	52.6685	11.9177
55	53.7981	11.4351	53.7477	11.6698	53.6963	11.9042	53.6438	12.1384
56	54.7763	11.6431	54.7249	11.8820	54.6726	12.1206	54.6192	12.3591
57	55.7544	11.8510	55.7022	12.0941	55.6489	12.3371	55.5945	12.5798
58	56.7326	12.0589	56.6794	12.3063	56.6252	12.5535	56.5699	12.8004
59	57.7107	12.2668	57.6566	12.5185	57.6015	12.7699	57.5452	13.0211
60	58.6889	12.4747	58.6339	12.7307	58.5778	12.9864	58.5205	13.2418
61	59.6670	12.6826	59.6111	12.9428	59.5541	13.2028	59.4959	13.4625
62	60.6452	12.8905	60.5883	13.1550	60.5304	13.4193	60.4712	13.6832
63	61.6233	13.0984	61.5656	13.3672	61.5066	13.6357	61.4466	13.9039
64	62.6014	13.3063	62.5428	13.5794	62.4829	13.8521	62.4219	14.1246
65	63.5796	13.5143	63.5200	13.7916	63.4592	14.0686	63.3972	14.3453
66	64.5577	13.7222	64.4973	14.0037	64.4355	14.2850	64.3726	14.5660
67	65.5359	13.9301	65.4745	14.2159	65.4118	14.5015	65.3479	14.7867
68	66.5140	14.1380	66.4517	14.4281	66.3881	14.7179	66.3233	15.0074
69	67.4922	14.3459	67.4289	14.6403	67.3644	14.9343	67.2986	15.2281
70	68.4703	14.5538	68.4062	14.8524	68.3407	15.1508	68.2740	15.4488
71	69.4485	14.7617	69.3834	15.0646	69.3170	15.3672	69.2493	15.6695
72	70.4266	14.9696	70.3606	15.2768	70.2933	15.5837	70.2246	15.8902
73	71.4048	15.1776	71.3379	15.4890	71.2696	15.8001	71.2000	16.1109
74	72.3829	15.3855	72.3151	15.7011	72.2459	16.0165	72.1753	16.3316
75	73.3611	15.5934	73.2923	15.9133	73.2222	16.2330	73.1507	16.5523
76	74.3392	15.8013	74.2696	16.1255	74.1985	16.4494	74.1260	16.7730
77	75.3174	16.0092	75.2468	16.3377	75.1748	16.6658	75.1014	16.9937
78	76.2955	16.2171	76.2240	16.5499	76.1511	16.8823	76.0767	17.2144
79	77.2737	16.4250	77.2013	16.7620	77.1274	17.0987	77.0520	17.4351
80	78.2518	16.6329	78.1785	16.9742	78.1037	17.3152	78.0274	17.6558
81	79.2300	16.8408	79.1557	17.1864	79.0800	17.5316	79.0027	17.8765
82	80.2081	17.0488	80.1330	17.3986	80.0563	17.7480	79.9781	18.0972
83	81.1863	17.2567	81.1102	17.6107	81.0326	17.9645	80.9534	18.3179
84	82.1644	17.4646	82.0874	17.8229	82.0089	18.1809	81.9288	18.5386
85	83.1425	17.6725	83.0646	18.0351	82.9852	18.3974	82.9041	18.7593
86	84.1207	17.8804	84.0419	18.2473	83.9615	18.6138	83.8794	18.9800
87	85.0988	18.0883	85.0191	18.4595	84.9378	18.8302	84.8548	19.2007
88	86.0770	18.2962	85.9963	18.6716	85.9140	19.0467	85.8301	19.4214
89	87.0551	18.5041	86.9736	18.8838	86.8903	19.2631	86.8055	19.6421
90	88.0333	18.7121	87.9508	19.0960	87.8666	19.4796	87.7808	19.8628
91	89.0114	18.9200	88.9280	19.3082	88.8429	19.6960	88.7561	20.0835
92	89.9896	19.1279	89.9053	19.5203	89.8192	19.9124	89.7315	20.3042
93	90.9677	19.3358	90.8825	19.7325	90.7955	20,1289	90.7068	20.5249
94	91.9459	19.5437	91.8597	19.9447	91.7718	20.3453	91.6822	20.7456
95	92.9240	19.7516	92.8370	20.1569	92.7481	20.5618	92.6575	20.9663
96	93.9022	19.9595	93.8142	20.3691	93.7244	20.7782	93.6329	21.1870
97	94.8803	20.1674	94.7914	20.5812	94.7007	20.9946	94.6082	21.4076
98	95.8585	20.3753	95.7686	20.7934	95.6770	21,2111	95.5835	21.6283
99	96.8366	20.5833	96.7459	21.0056	96.6533	21.4275	96.5589	21.8490
100	97.8148	20.7912	97.7231	21.2178	97.6296	21.6440	97.5342	22.0697

No	13	77	13¼	76¾	13½	76½	13¾	76¼
1	,9744	,2250	,9734	,2292	,9724	,2334	,9713	,2377
2	1.9487	,4499	1.9468	,4584	1.9447	,4669	1.9427	,4754
3	2.9231	,6749	2.9201	,6876	2.9171	,7003	2.9140	,7131
4	3.8975	,8998	3.8935	,9168	3.8895	,9338	3.8854	,9507
5	4.8719	1.1248	4.8669	1.1460	4.8618	1.1672	4.8567	1.1884
6	5.8462	1.3497	5.8403	1.3752	5.8342	1.4007	5.8281	1.4261
7	6.8206	1.5747	6.8137	1.6044	6.8066	1.6341	6.7994	1.6638
8	7.7950	1.7996	7.7870	1.8336	7.7790	1.8676	7.7707	1.9015
9	8.7693	2.0246	8.7604	2.0628	8.7513	2.1010	8.7421	2.1392
10	9.7437	2.2495	9.7338	2.2920	9.7237	2.3345	9.7134	2.3769
11	10.7181	2.4745	10.7072	2 5212	10.6961	2.5679	10.6848	2.6145
12	11.6924	2.6994	11.6806	2.7504	11.6684	2.8013	11.6561	2.8522
13	12.6668	2.9244	12.6539	2.9796	12.6408	3.0348	12.6274	3.0899
14	13.6412	3.1493	13.6273	3.2088	13.6132	3.2682	13.5988	3.3276
15	14.6156	3.3743	14.6007	3.4380	14.5855	3.5017	14.5701	3.5653
16	15.5899	3.5992	15.5741	3.6672	15.5579	3.7351	15.5415	3.8030
17	16.5643	3.8242	16.5474	3.8964	16.5303	3.9686	16.5128	4.0407
18	17.5387	4.0491	17.5208	4.1256	17.5027	4.2020	17.4842	4.2783
19	18.5130	4.2741	18 4942	4.3548	18.4750	4.4355	18.4555	4.5160
20	19.4874	4.4990	19.4676	4.5840	19.4474	4.6689	19.4268	4.7537
21	20.4618	4 7240	20.4410	4.8132	20.4198	4.9024	20.3982	4.9914
22	21.4361	4.9489	21.4143	5.0424	21.3921	5.1358	21.3695	5.2291
23	22 4105	5.1739	22.3877	5.2716	22.3645	5.3692	22.3409	5.4668
24	23.3849	5.3988	23.3611	5.5008	23.3369	5 6027	23.3122	5.7045
25	24.3593	5.6238	24.3345	5.7300	24.3092	5.8361	24.2836	5.9421
26	25.3336	5.8487	25.3079	5.9592	25.2816	6.0696	25.2549	6.1798
27	26.3080	6.0737	26.2812	6.1884	26.2540	6.3030	26.2262	6.4175
28	27.2824	6 2986	27.2546	6.4176	27.2264	6.5365	27.1976	6.6552
29	28.2567	6.5236	28.2280	6.6468	28.1987	6.7699	28.1689	6.8929
30	29.2311	6.7485	29.2014	6.8760	29.1711	7.0034	29.1403	7.1306
31	30.2055	6.9735	30.1748	7.1052	30.1435	7.2368	30.1116	7.3683
32	31.1798	7.1984	31.1481	7.3344	31.1158	7.4703	31.0829	7.6059
33	32.1542	7.4234	32.1215	7.5636	32.0882	7.7037	32.0543	7.8436
34	33.1286	7.6483	33.0949	7.7928	33.0606	7.9371	33.0256	8.0813
35	34.1030	7.8733	34.0683	8.0220	34.0329	8.1706	33.9970	8.3190
36	35.0773	8.0982	35.0417	8.2512	35.0053	8 4040	34.9683	8.5567
37	36.0517	8.3232	36.0150	8.4804	35.9777	8.6375	35.9397	8.7944
38	37.0261	8.5481	36.9884	8.7096	36.9501	8.8709	36.9110	9.0321
39	38.0004	8.7731	37.9618	8.9388	37.9224	9 1044	37.8823	9.2698
40	38.9748	8 9980	38.9352	9.1680	38.8948	9.3378	38.8537	9.5074
41	39.9492	9.2230	39.9085	9.3972	39.8672	9.5713	39.8250	9.7451
42	40.9235	9.4479	40.8819	9.6264	40.8395	9.8047	40.7964	9.9828
43	41.8979	9 6729	41.8553	9.8556	41.8119	10.0382	41.7677	10.2205
44	42.8723	9.8978	42.8287	10.0848	42.7843	10.2716	42.7391	10.4582
45	43.8467	10.1228	43.8021	10.3140	43.7566	10.5050	43.7104	10.6959
46	44.8210	10.3478	44.7754	10.5432	44.7290	10.7385	44.6817	10.9336
47	45.7954	10.5727	45.7488	10.7724	45.7014	10.9719	45.6531	11.1712
48	46.7698	10.7977	46.7222	11.0016	46.6738	11.2054	46.6244	11.4089
49	47.7441	11.0226	47.6956	11.2308	47.6461	11.4388	47.5958	11.6466
50	48.7185	11.2476	48.6690	11.4600	48.6185	11.6723	48.5671	11.8843

No	13	77	13¼	76¾	13½	76½	13¾	76¼
51	49.6929	11.4725	49.6423	11.6892	49.5909	11.9057	49.5384	12.1220
52	50.6672	11.6975	50.6157	14.9184	50.5632	12.1392	50.5098	12.3597
53	51.6416	11.9224	51.5891	12.1476	51.5356	12.3726	51.4811	12.5974
54	52.6160	12.1474	52.5625	12.3768	52.5080	12.6061	52.4525	12.8350
55	53.5904	12.3723	53.5359	12.6060	53.4803	12.8395	53.4238	13.0727
56	54.5647	12.5973	54.5092	12.8352	54.4527	13.0729	54.3952	13.3104
57	55.5391	12,8222	55.4826	13.0644	55.4251	13.3064	55.3665	13.5481
58	56.5135	13.0472	56.4560	13.2936	56.3975	13.5398	56.3378	13.7858
59	57.4878	13.2721	57.4294	13.5228	57.3698	13.7733	57.3092	14.0285
60	58.4622	13.4971	58.4028	13.7520	58.3422	14.0067	58.2805	14.2612
61	59.4366	13.7220	59.3761	13.9812	59.3146	14.2402	59.2519	14.4988
62	60.4109	13.9470	60.3495	14.2104	60.2869	14.4736	60.2232	14.7365
63	61.3853	14.1719	61.3229	14.4396	61.2593	14.7071	61.1946	14.9742
64	62.3597	14.3969	62.2963	14.6688	62.2317	14.9405	62.1659	15.2119
65	63.3341	14.6218	63.2696	14.8980	63.2040	15.1740	63.1372	15.4496
66	64.3084	14.8468	64.2430	15.1272	64.1764	15.4074	64.1086	15.6873
67	65.2828	15.0717	65.2164	15.3564	65.1488	15.6408	65.0799	15.9250
68	66.2572	15.2967	66.1898	15.5856	66.1212	15.8743	66.0513	16.1626
69	67.2315	15.5216	67.1632	15.8148	67.0935	16.1077	67.0226	16.4003
70	68.2059	15.7466	68.1365	16.0440	68.0659	16.3412	67.9939	16.6380
71	69.1803	15.9715	69.1099	16.2732	69.0383	16.5746	68.9653	16.8757
72	70.1546	16.1965	70.0833	16.5024	70.0106	16.8081	69.9366	17.1134
73	71.1290	16.4214	71.0567	16.7316	70.9830	17.0415	70.9080	17.3511
74	72.1034	16.6464	72.0301	16.9608	71.9554	17.2750	71.8793	17.5888
75	73.0778	16.8713	73.0034	17.1900	72.9277	17.5084	72.8507	17.8264
76	74.0521	17.0963	73.9768	17.4192	73.9001	17.7419	73.8220	18.0641
77	75.0265	17.3212	74.9502	17.6484	74.8725	17.9753	74.7933	18.3018
78	76.0009	17.5462	75.9236	17.8776	75.8449	18.2087	75.7647	18.5395
79	76.9752	17.7711	76.8970	18.1068	76.8172	18.4422	76.7360	18.7772
80	77.9496	17.9961	77.8703	18.3360	77.7896	18.6756	77.7074	19.0149
81	78.9240	18.2210	78.8437	18.5652	78.7620	18.9091	78.6787	19.2526
82	79.8983	18.4460	79.8171	18.7944	79.7343	19.1425	79.6501	19.4902
83	80.8727	18.6709	80.7905	19.0236	80.7067	19.3760	80.6214	19.7279
84	81.8471	18.8959	81.7639	19.2528	81.6791	19.6094	81.5927	19.9656
85	82.8215	19.1208	82.7372	19.4820	82.6514	19.8429	82.5641	20.2033
86	83.7958	19.3458	83.7106	19.7112	83.6238	20.0763	83.5354	20.4410
87	84.7702	19.5707	84.6840	19.9404	84.5962	20.3097	84.5068	20.6787
88	85.7446	19.7957	85.6574	20.1696	85.5686	20.5432	85.4781	20.9164
89	86.7189	20.0206	86.6307	20.3988	86.5409	20.7766	86.4494	21.1540
90	87.6933	20.2456	87.6041	20.6280	87.5133	21.0101	87.4208	21.3917
91	88.6677	20.4706	88.5775	20.8572	88.4857	21.2435	88.3921	21.6294
92	89.6420	20.6955	89.5509	21.0864	89.4580	21.4770	89.3635	21.8671
93	90.6164	20.9205	90.5243	21.3156	90.4304	21.7104	90.3348	22.1048
94	91.5908	21.1454	91.4976	21.5448	91.4028	21.9439	91.3062	22.3425
95	92.5652	21.3704	92.4710	21.7740	92.3751	22.1773	92.2775	22.5802
96	93.5395	21.5953	93.4444	22.0032	93.3475	22.4108	93.2488	21.8178
97	94.5139	21.8203	94.4178	22.2324	94.3199	22.6442	94.2202	23.0555
98	95.4883	22.0452	95.3912	22.4616	95.2923	22.8776	95.1915	23.2932
99	96.4626	22.2702	96.3645	22.6908	96.2646	23.1111	96.1629	23.5309
100	97.4370	22.4951	97.3379	22.9200	97.2370	23.3445	97.1342	23.7686

No.	14	70	14¼	75¾	14½	75½	14¾	75¼
1	,9703	,2419	,9692	,2462	,9681	,2504	,9670	,2546
2	1.9406	,4838	1.9385	,4923	1.9363	,5008	1.9341	,5092
3	2.9109	,7258	2.9077	,7385	2.9044	,7511	2.9011	,7638
4	3.8812	,9677	3.8769	,9846	3.8726	1.0015	3.8682	1.0184
5	4.8515	1.2096	4.8462	1.2308	4.8407	1.2519	4.8352	1.2730
6	5.8218	1.4515	5.8154	1.4769	5.8089	1.5023	5.8023	1.5276
7	6.7921	1.6935	6.7846	1.7231	6.7770	1.7527	6.7693	1.7822
8	7.7624	1.9354	7.7538	1.9692	7.7452	2.0030	7.7364	2.0368
9	8.7327	2.1773	8.7231	2.2154	8.7133	2.2534	8.7034	2.2914
10	9.7030	2.4192	9.6923	2.4615	9.6815	2.5038	9.6705	2.5460
11	10.6733	2.6611	10.6615	2.7077	10.6496	2.7542	10.6375	2.8006
12	11.6435	2.9031	11.6308	2.9538	11.6178	3.0046	11.6046	3.0552
13	12.6138	3.1450	12.6000	3.2000	12.5859	3.2549	12.5716	3.3098
14	13.5841	3.3869	13.5692	3.4461	13.5541	3.5053	13.5386	3.5644
15	14.5544	3.6288	14.5385	3.6923	14.5222	3.7557	14.5057	3.8190
16	15.5247	3.8708	15.5077	3.9385	15.4904	4.0061	15.4727	4.0736
17	16.4950	4.1127	16.4769	4.1846	16.4585	4.2565	16.4398	4.3282
18	17.4653	4.3546	17.4462	4.4308	17.4267	4.5068	17.4068	4.5828
19	18.4356	4.5965	18.4154	4.6769	18.3948	4.7572	18.3739	4.8374
20	19.4059	4.8384	19.3846	4.9231	19.3630	5.0076	19.3409	5.0920
21	20.3762	5.0804	20.3538	5.1692	20.3311	5.2580	20.3080	5.3466
22	21.3465	5.3223	21.3231	5.4154	21.2992	5.5084	21.2750	5.6012
23	22.3168	5.5642	22.2923	5.6615	22.2674	5.7587	22.2421	5.8558
24	23.2871	5.8061	23.2615	5.9077	23.2355	6.0091	23.2091	6.1104
25	24.2574	6.0480	24.2308	6.1538	24.2037	6.2595	24.1761	6.3650
26	25.2277	6.2900	25.2000	6.4000	25.1718	6.5099	25.1432	6.6196
27	26.1980	6.5319	26.1692	6.6461	26.1400	6.7603	26.1102	6.8743
28	27.1683	6.7738	27.1385	6.8923	27.1081	7.0106	27.0773	7.1289
29	28.1386	7.0157	28.1077	7.1384	28.0763	7.2610	28.0443	7.3835
30	29.1089	7.2577	29.0769	7.3846	29.0444	7.5114	29.0114	7.6381
31	30.0792	7.4996	30.0462	7.6308	30.0126	7.7618	29.9784	7.8927
32	31.0495	7.7415	31.0154	7.8769	30.9807	8.0122	30.9455	8.1473
33	32.0198	7.9834	31.9846	8.1231	31.9489	8.2625	31.9125	8.4019
34	32.9901	8.2253	32.9539	8.3692	32.9170	8.5129	32.8796	8.6565
35	33.9603	8.4673	33.9231	8.6154	33.8852	8.7633	33.8466	8.9111
36	34.9306	8.7092	34.8923	8.8615	34.8533	9.0137	34.8137	9.1657
37	35.9009	8.9511	35.8615	9.1077	35.8215	9.2641	35.7807	9.4203
38	36.8712	9.1930	36.8308	9.3538	36.7896	9.5144	36.7477	9.6749
39	37.8415	9.4350	37.8000	9.6000	37.7578	9.7648	37.7148	9.9295
40	38.8118	9.6769	38.7692	9.8461	38.7259	10.0152	38.6818	10.1841
41	39.7821	9.9188	39.7385	10.0923	39.6941	10.2656	39.6489	10.4387
42	40.7524	10.1607	40.7077	10.3384	40.6622	10.5160	40.6159	10.6933
43	41.7227	10.4026	41.6769	10.5846	41.6303	10.7663	41.5830	10.9479
44	42.6930	10.6446	42.6462	10.8307	42.5985	11 0167	42.5500	11.2025
45	43.6633	10.8865	43.6154	11.0769	43.5666	11.2671	43.5171	11.4571
46	44.6336	11.1284	44.5846	11.3231	44.5348	11.5175	44.4841	11.7117
47	45.6039	11.3703	45.5539	11.5692	45.5029	11.7679	45.4512	11.9663
48	46.5742	11.6123	46.5231	11.8154	46.4711	12.0182	46.4182	12.2209
49	47.5445	11.8542	47.4923	12.0615	47.4392	12.2686	47.3852	12.4755
50	48.5148	12.0961	48.4615	12.3077	48.4074	12.5190	48.3523	12.7301

No.	14	76	14¼	75¾	14½	75½	14¾	75¼
51	49.4851	12.3380	49.4308	12.5538	49.3755	12.7694	49.3193	12.9847
52	50.4554	12.5799	50.4000	12.8000	50.3437	13.0198	50.2864	13.2393
53	51.4257	12.8219	51.3692	13.0461	51.3118	13.2701	51.2534	13.4939
54	52.3960	13.0638	52.3385	13.2923	52.2800	13.5205	52.2205	13.7485
55	53.3663	13.3057	53.3077	13.5384	53.2481	13.7709	53.1875	14.0031
56	54.3366	13.5476	54.2769	13.7846	54.2163	14.0213	54.1546	14.2577
57	55.3069	13.7895	55.2462	14.0307	55.1844	14.2717	55.1216	14.5123
58	56.2772	14.0315	56.2154	14.2769	56.1526	14.5220	56.0887	14.7669
59	57.2474	14.2734	57.1846	14.5230	57.1207	14.7724	57.0557	15.0215
60	58.2177	14.5153	58.1539	14.7692	58.0889	15.0228	58.0228	15.2761
61	59.1880	14.7572	59.1231	15.0154	59.0570	15.2732	58.9898	15.5307
62	60.1583	14.9992	60.0923	15.2615	60.0252	15.5236	59.9568	15.7853
63	61.1286	15.2411	61.0615	15.5077	60.9933	15.7739	60.9239	16.0399
64	62.0989	15.4830	62.0308	15.7538	61.9614	16.0243	61.8909	16.2945
65	63.0692	15.7249	63.0000	16.0000	62,9296	16.2747	62.8580	16.5491
66	64.0395	15.9668	63.9692	16.2461	63.8977	16.5251	63.8250	16.8037
67	65.0098	16.2088	64.9385	16.4923	64.8659	16.7755	64.7921	17.0583
68	65.9801	16.4507	65.9077	16.7384	65.8340	17.0258	65.7591	17.3129
69	66.9504	16.6926	66.8769	16.9846	66.8022	17.2762	66.7262	17.5675
70	67.9207	16.9345	67.8462	17.2307	67.7703	17.5266	67.6932	17.8221
71	68.8910	17.1765	68.8154	17.4769	68.7385	17.7770	68.6603	18.0767
72	69.8613	17.4184	69.7846	17.7230	69.7066	18.0274	69.6273	18.3313
73	70.8316	17.6603	70.7539	17.9692	70.6748	18.2777	70.5944	18.5859
74	71.8019	17.9022	71.7231	18.2153	71.6429	18.5281	71.5614	18.8405
75	72.7722	18.1441	72.6923	18.4615	72.6111	18.7785	72,5284	19.0951
76	73.7425	18.3861	73.6615	18.7077	73.5792	19.0289	73.4955	19.3497
77	74.7128	18.6280	74.6308	18.9538	74.5474	19.2793	74.4625	19.6043
78	75.6831	18.8699	75.6000	19.2000	75.5155	19.5296	75.4296	19.8589
79	76.6534	19.1118	76.5692	19.4461	76.4837	19.7800	76.3966	20.1136
80	77.6237	19.3538	77.5385	19.6923	77.4518	20.0304	77.3637	20.3682
81	78.5940	19.5957	78.5077	19.9384	78.4200	20.2808	78.3307	20.6228
82	79.5642	19.8376	79.4769	20.1846	79.3881	20.5312	79.2978	20,8774
83	80.5345	20.0795	80.4462	20.4307	80.3563	20.7815	80.2648	21,1320
84	81.5048	20.3214	81.4154	20.6769	81.3244	21,0319	81.2319	21.3866
85	82.4751	20.5634	82.3846	20.9230	82.2925	21.2823	82.1989	21.6412
86	83.4454	20.8053	83.3539	21.1692	83.2607	21.5327	83.1659	21.8958
87	84.4157	21.0472	84.3231	21.4153	84.2288	21,7831	84.1330	22.1504
88	85.3860	21.2891	85.2923	21.6615	85.1970	22:0334	85.1000	22.4050
89	86 3563	21.5310	86.2616	21.9076	86.1651	22.2838	86.0671	22.6596
90	87.3266	21.7730	87.2308	22.1538	87.1333	22.5342	87.0341	22.9142
91	88.2969	22.0149	88.2000	22.4000	88.1014	22.7846	88.0012	23.1688
92	89.2672	22.2568	89.1692	22.6461	89.0696	23.0350	88.9682	23.4234
93	90.2375	22.4987	90.1385	22.8923	90.0377	23.2853	89.9353	23.6780
94	91.2078	22.7407	91.1077	23.1384	91.0059	23.5357	90.9023	23.9326
95	92.1781	22.9826	92 0769	23.3846	91.9740	23.7861	91.8694	24.1872
96	93.1484	23.2245	93.0462	23.6307	92.9422	24.0365	92.8364	24.4418
97	94.1187	23.4664	94.0154	23.8769	93.9103	24.2869	93.8035	24.6964
98	95.0890	23.7083	94.9846	24.1230	94.8785	24.5372	94.7705	24.9510
99	96.0593	23.9503	95.9539	24 3692	95.8466	24.7876	95.7375	25.2056
100	97.0296	24.1922	96.9231	24.6153	96.8148	25.0380	96.7046	25.4602

No.	15	75	15¼	74¾	15½	74½	15¾	74¼
1	,9659	,2588	,9648	,2630	,9636	,2672	,9625	,2714
2	1.9319	,5176	1.9296	,5261	1.9273	,5345	1.9249	,5429
3	2.8978	,7765	2.8944	,7891	2.8909	,8017	2.8874	,8143
4	3.8637	1.0353	3.8591	1.0521	3.8545	1.0690	3.8498	1.0858
5	4.8296	1.2941	4.8239	1.3152	4.8182	1.3362	4.8123	1.3572
6	5.7956	1.5529	5.7887	1.5782	5.7818	1.6034	5.7747	1.6286
7	6.7615	1.8117	6.7535	1.8412	6.7454	1.8707	6.7372	1.9001
8	7.7274	2.0706	7.7183	2.1042	7.7090	2.1379	7.6996	2.1715
9	8.6933	2.3294	8.6831	2.3673	8.6727	2.4051	8.6621	2.4430
10	9.6593	2.5882	9.6479	2.6303	9.6363	2.6724	9.6246	2.7144
11	10.6252	2.8470	10.6127	2.8933	10.5999	2.9396	10.5870	2.9858
12	11.5911	3.1058	11.5774	3.1564	11.5636	3.2069	11.5495	3.2573
13	12.5570	3.3646	12.5422	3.4194	12.5272	3.4741	12.5119	3.5287
14	13.5230	3.6235	13.5070	3.6824	13.4908	3.7413	13.4744	3.8002
15	14.4889	3.8823	14.4718	3.9455	14.4545	4.0086	14.4368	4.0716
16	15.4548	4.1411	15.4366	4.2085	15.4181	4.2758	15.3993	4.3430
17	16.4207	4.3999	16.4014	4.4715	16.3817	4.5431	16.3617	4.6145
18	17.3867	4.6587	17.3662	4.7346	17.3453	4.8103	17.3242	4.8859
19	18.3526	4.9176	18.3310	4.9976	18.3090	5.0775	18.2867	5.1574
20	19.3185	5.1764	19.2957	5.2606	19.2726	5.3448	19.2491	5.4288
21	20.2844	5.4352	20.2605	5.5237	20.2362	5.6120	20.2116	5.7002
22	21.2504	5.6940	21.2253	5.7867	21.1999	5.8792	21.1740	5.9717
23	22.2163	5.9528	22.1901	6.0497	22.1635	6.1465	22.1365	6.2431
24	23.1822	6.2117	23.1549	6.3127	23.1271	6.4137	23.0989	6.5146
25	24.1481	6.4705	24.1197	6.5758	24.0908	6.6810	24.0614	6.7860
26	25.1141	6.7293	25.0845	6.8388	25.0544	6.9482	25.0238	7.0575
27	26.0800	6.9881	26.0493	7.1018	26.0180	7.2154	25.9863	7.3289
28	27.0459	7.2469	27.0140	7.3649	26.9817	7.4827	26.9487	7.6003
29	28.0118	7.5058	27.9788	7.6279	27.9453	7.7499	27.9112	7.8718
30	28.9778	7.7646	28.9436	7.8909	28.9089	8.0172	28.8737	8.1432
31	29.9437	8.0234	29.9084	8.1540	29.8725	8.2844	29.8361	8.4147
32	30.9096	8.2822	30.8732	8.4170	30.8362	8.5516	30.7986	8.6861
33	31.8756	8.5410	31.8380	8.6800	31.7998	8.8189	31.7610	8.9575
34	32.8415	8.7998	32.8028	8.9431	32.7634	9.0861	32.7235	9.2290
35	33.8074	9.0587	33.7676	9.2061	33.7271	9.3533	33.6859	9.5004
36	34.7733	9.3175	34.7323	9.4691	34.6907	9.6206	34.6484	9.7719
37	35.7393	9.5763	35.6971	9.7322	35.6543	9.8878	35.6108	10.0433
38	36.7052	9.8351	36.6619	9.9952	36.6180	10.1551	36.5733	10.3147
39	37.6711	10.0939	37.6267	10.2582	37.5816	10.4223	37.5358	10.5862
40	38.6370	10.3528	38.5915	10.5212	38.5452	10.6895	38.4982	10.8576
41	39.6030	10.6116	39.5563	10.7843	39.5089	10.9568	39.4607	11.1291
42	40.5689	10.8704	40.5211	11.0473	40.4725	11.2240	40.4231	11.4005
43	41.5348	11.1292	41.4859	11.3103	41.4361	11.4913	41.3856	11.6719
44	42.5007	11.3880	42.4506	11.5734	42.3997	11.7585	42.3480	11.9434
45	43.4667	11.6469	43.4154	11.8364	43.3634	12.0257	43.3105	12.2148
46	44.4326	11.9057	44.3802	12.0994	44.3270	12.2930	44.2729	12.4863
47	45.3985	12.1645	45.3450	12.3625	45.2906	12.5602	45.2354	12.7577
48	46.3644	12.4233	46.3098	12.6255	46.2543	12.8274	46.1979	13.0291
49	47.3304	12.6821	47.2746	12.8885	47.2179	13.0947	47.1603	13.3006
50	48.2963	12.9410	48.2394	13.1516	48.1815	13.3619	48.1228	13.5720

No.	15	75	15¼	74¾	15½	74½	15¾	74¼
51	49.2622	13.1998	49.2042	13.4146	49.1452	13.6292	49.0852	13.8435
52	50.2281	13.4586	50.1689	13.6776	50.1088	13.8964	50.0477	14.1149
53	51.1941	13.7174	51.1337	13.9407	51.0724	14.1636	51.0101	14.3863
54	52.1600	13.9762	52.0985	14.2037	52.0360	14.4309	51.9726	14.6578
55	53.1259	14.2350	53.0633	14.4667	52.9997	14.6981	52.9350	14.9292
56	54.0918	14.4939	54.0281	14.7297	53.9633	14.9654	53.8975	15.2007
57	55.0578	14.7527	54.9929	14.9928	54.9269	15.2326	54.8600	15.4721
58	56.0237	15.0115	55.9577	15.2558	55.8906	15.4998	55.8224	15.7435
59	56.9896	15.2703	56.9225	15.5188	56.8542	15.7671	56.7849	16.0150
60	57.9555	15.5291	57.8872	15.7819	57.8178	16.0343	57.7473	16.2864
61	58.9215	15.7880	58.8520	16.0449	58.7815	16.3015	58.7098	16.5579
62	59.8874	16.0468	59.8168	16.3079	59.7451	16.5688	59.6722	16.8293
63	60.8533	16.3056	60.7816	16.5710	60.7087	16.8360	60.6347	17.1007
64	61.8193	16.5644	61.7464	16.8340	61.6724	17.1033	61.5971	17.3722
65	62.7852	16.8232	62.7112	17.0970	62.6360	17.3705	62.5596	17.6436
66	63.7511	17.0821	63.6760	17.3601	63.5996	17.6377	63.5220	17.9151
67	64.7170	17.3409	64.6407	17.6231	64.5632	17.9050	64.4845	18.1865
68	65.6830	17.5997	65.6055	17.8861	65.5269	18.1722	65.4470	18.4579
69	66.6489	17.8585	66.5703	18.1492	66.4905	18.4394	66.4094	18.7294
70	67.6148	18.1173	67.5351	18.4122	67.4541	18.7067	67.3719	19.0008
71	68.5807	18.3761	68.4999	18.6752	68.4178	18.9739	68.3343	19.2723
72	69.5467	18.6350	69.4647	18.9382	69.3814	19.2412	69.2968	19.5437
73	70.5126	18.8938	70.4295	19.2013	70.3450	19.5084	70.2592	19.8151
74	71.4785	19.1526	71.3943	19.4643	71.3087	19.7756	71.2217	20.0866
75	72.4444	19.4114	72.3590	19.7273	72.2723	20.0429	72.1841	20.3580
76	73.4104	19.6702	73.3238	19.9904	73.2359	20.3101	73.1466	20.6295
77	74.3763	19.9291	74.2886	20.2534	74.1995	20.5774	74.1091	20.9009
78	75.3422	20.1879	75.2534	20.5164	75.1632	20.8446	75.0715	21.1724
79	76.3081	20.4467	76.2182	20.7795	76.1268	21.1118	76.0340	21.4438
80	77.2741	20.7055	77.1830	21.0425	77.0904	21.3791	76.9964	21.7152
81	78.2400	20.9643	78.1478	21.3055	78.0541	21.6463	77.9589	21.9867
82	79.2059	21.2232	79.1126	21.5686	79.0177	21.9135	78.9213	22.2581
83	80.1718	21.4820	80.0773	21.8316	79.9813	22.1808	79.8838	22.5296
84	81.1378	21.7408	81.0421	22.0946	80.9450	22.4480	80.8462	22.8010
85	82.1037	21.9996	82.0069	22.3577	81.9086	22.7153	81.8087	23.0724
86	83.0696	22.2584	82.9717	22.6207	82.8722	22.9825	82.7712	23.3439
87	84.0355	22.5173	83.9365	22.8837	83.8359	23.2497	83.7336	23.6153
88	85.0015	22.7761	84.9013	23.1467	84.7995	23.5170	84.6961	23.8868
89	85.9674	23.0349	85.8661	23.4098	85.7631	23.7842	85.6585	24.1582
90	86.9333	23.2937	86.8309	23.6728	86.7267	24.0515	86.6210	24.4296
91	87.8992	23.5525	87.7956	23.9358	87.6904	24.3187	87.5834	24.7011
92	88.8652	23.8113	88.7604	24.1989	88.6540	24.5859	88.5459	24.9725
93	89.8311	24.0702	89.7252	24.4619	89.6176	24.8532	89.5083	25.2440
94	90.7970	24.3290	90.6900	24.7249	90.5813	25.1204	90.4708	25.5154
95	91.7630	24.5878	91.6548	24.9880	91.5449	25.3876	91.4333	25.7868
96	92.7289	24.8466	92.6196	25.2510	92.5085	25.6549	92.3957	26.0583
97	93.6948	25.1054	93.5844	25.5140	93.4722	25.9221	93.3582	26.3297
98	94.6607	25.3643	94.5492	25.7771	94.4358	26.1894	94.3206	26.6012
99	95.6267	25.6231	95.5139	26.0401	95.3994	26.4566	95.2831	26.8726
100	96.5926	25.8819	96.4787	26.3031	96.3631	26.7238	96.2455	27.1440

No	16	74	16¼	73¾	16½	73½	16¾	73¼
1	,9613	,2756	,9600	,2798	,9588	,2840	,9576	,2882
2	1.9225	,5513	1.9201	,5597	1.9176	,5680	1.9151	,5764
3	2.8838	,8269	2.8801	,8395	2.8765	,8520	2.8727	,8646
4	3.8450	1.1025	3.8402	1.1193	3.8353	1.1361	3.8303	1.1528
5	4.8063	1.3782	4.8002	1.3991	4.7941	1.4201	4.7879	1.4410
6	5.7676	1.6538	5.7603	1.6790	5.7529	1.7041	5.7454	1.7292
7	6.7288	1.9295	6.7203	1.9588	6.7117	1.9881	6.7030	2.0174
8	7.6901	2.2051	7.6804	2.2386	7.6706	2.2721	7.6606	2.3056
9	8.6514	2.4807	8.6404	2.5185	8.6294	2.5561	8.6181	2.5938
10	9.6126	2.7564	9.6005	2.7983	9.5882	2.8402	9.5757	2.8820
11	10.5739	3.0320	10.5605	3.0781	10.5470	3.1242	10.5333	3.1702
12	11.5351	3.3076	11.5206	3.3579	11.5058	3.4082	11.4909	3.4584
13	12.4964	3.5833	12.4806	3.6378	12.4647	3.6922	12.4484	3.7466
14	13.4577	3.8589	13.4407	3.9176	13.4235	3.9762	13.4060	4.0347
15	14.4189	4.1346	14.4007	4.1974	14.3823	4.2602	14.3636	4.3229
16	15.3802	4.4102	15.3608	4.4773	15.3411	4.5442	15.3211	4.6111
17	16.3414	4.6858	16.3208	4.7571	16.2999	4.8283	16.2787	4.8993
18	17.3027	4.9615	17.2809	5.0369	17.2588	5.1123	17.2363	5.1875
19	18.2640	5.2371	18.2409	5.3168	18.2176	5.3963	18.1939	5.4757
20	19.2252	5.5127	19.2010	5.5966	19.1764	5.6803	19.1514	5.7639
21	20.1865	5.7884	20.1610	5.8764	20.1352	5.9643	20.1090	6.0521
22	21.1478	6.0640	21.1211	6.1562	21.0940	6.2483	21.0666	6.3403
23	22.1090	6.3397	22.0811	6.4361	22.0529	6.5324	22.0241	6.6285
24	23.0703	6.6153	23.0412	6.7159	23.0117	6.8164	22.9817	6.9167
25	24.0315	6.8909	24.0012	6.9957	23.9705	7.1004	23.9393	7.2049
26	24.9928	7.1666	24.9613	7.2756	24.9293	7.3844	24.8969	7.4931
27	25.9541	7.4422	25.9213	7.5554	25.8881	7.6684	25.8544	7.7813
28	26.9153	7.7178	26.8814	7.8352	26.8470	7.9524	26.8120	8.0695
29	27.8766	7.9935	27.8414	8.1150	27.8058	8.2364	27.7696	8.3577
30	28.8379	8.2691	28.8015	8.3949	28.7646	8.5205	28.7271	8.6459
31	29.7991	8.5448	29.7615	8.6747	29.7234	8.8045	29.6847	8.9341
32	30.7604	8.8204	30.7216	8.9545	30.6822	9.0885	30.6423	9.2223
33	31.7216	9.0960	31.6816	9.2344	31.6411	9.3725	31.5999	9.5105
34	32.6829	9.3717	32.6417	9.5142	32.5999	9.6565	32.5574	9.7987
35	33.6442	9.6473	33.6017	9.7940	33.5587	9.9405	33.5150	10.0869
36	34.6054	9.9229	34.5618	10.0738	34.5175	10.2246	34.4726	10.3751
37	35.5667	10.1986	35.5218	10.3537	35.4763	10.5086	35.4301	10.6633
38	36.5279	10.4742	36.4819	10.6335	36.4351	10.7926	36.3877	10.9515
39	37.4892	10.7499	37.4419	10.9133	37.3940	11.0766	37.3453	11.2397
40	38.4505	11.0255	38.4020	11.1932	38.3528	11.3606	38.3029	11.5279
41	39.4117	11.3011	39.3620	11.4730	39.3116	11.6446	39.2604	11.8160
42	40.3730	11.5768	40.3221	11.7528	40.2704	11.9286	40.2180	12.1042
43	41.3343	11.8524	41.2821	12.0326	41.2292	12.2127	41.1756	12.3924
44	42.2955	12.1280	42.2422	12.3125	42.1881	12.4967	42.1331	12.6806
45	43.2568	12.4037	43.2022	12.5923	43.1469	12.7807	43.0907	12.9688
46	44.2180	12.6793	44.1623	12.8721	44.1057	13.0647	44.0483	13.2570
47	45.1793	12.9550	45.1223	13.1520	45.0645	13.3487	45.0059	13.5452
48	46.1406	13.2306	46.0824	13.4318	46.0233	13.6327	45.9634	13.8334
49	47.1018	13.5062	47.0424	13.7116	46.9822	13.9167	46.9210	14.1216
50	48.0631	13.7819	48.0025	13.9915	47.9410	14.2008	47.8786	14.4098

No.	16	74	16¼	73¾	16½	73½	16¾	73¼
51	49.0243	14.0575	48.9625	14.2713	48.8998	14.4848	48.8361	14.6980
52	49.9856	14.3331	49.9226	14.5511	49.8586	14.7688	49.7937	14.9862
53	50.9469	14.6088	50.8826	14.8309	50.8174	15.0528	50.7513	15.2744
54	51.9081	14.8844	51.8427	15.1108	51.7763	15.3368	51.7089	15 5626
55	52.8694	15.1601	52.8027	15.3906	52.7351	15.6208	52.6664	15.8508
56	53.8307	15.4357	53.7628	15.6704	53.6939	15.9049	53.6240	16.1390
57	54.7919	15.7113	54.7228	15.9503	54.6527	16.1889	54.5816	16.4272
58	55.7532	15.9870	55.6829	16.2301	55.6115	16.4729	55.5391	16.7154
59	56.7144	16.2626	56.6429	16.5099	56.5704	16.7569	56.4967	17.0036
60	57.6757	16.5382	57.6030	16.7897	57.5292	17.0409	57.4543	17.2918
61	58.6370	16.8139	58.5630	17.0696	58.4880	17.3249	58.4119	17.5800
62	59.5982	17.0895	59.5231	17.3494	59 4468	17.6089	59.3694	17.8682
63	60.5595	17.3652	60.4831	17.6292	60.4056	17.8930	60.3270	18.1564
64	61.5207	17.6408	61.4432	17.9091	61.3645	18.1770	61.2846	18.4446
65	62.4820	17.9164	62.4032	18.1889	62.3233	18.4610	62.2421	18.7328
66	63.4433	18.1921	63.3633	18.4687	63.2821	18.7450	63.1997	19.0210
67	64.4045	18.4677	64.3233	18.7485	64.2409	19.0290	64.1573	19.3092
68	65 3658	18.7433	65.2834	19.0284	65.1997	19.3130	65.1149	19.5973
69	66.3271	19.0190	66.2434	19.3082	66.1586	19.5971	66.0724	19.8855
70	67.2883	19.2946	67.2035	19.5880	67.1174	19.8811	67.0300	20.1737
71	68.2496	19.5703	68.1635	19.8679	68.0762	20.1651	67.9876	20.4619
72	69.2108	19.8459	69.1236	20.1477	69.0350	20.4491	68.9451	20.7501
73	70.1721	20.1215	70.0836	20.4275	69.9938	20.7331	69.9027	21.0383
74	71.1334	20.3972	71.0437	20.7073	70.9527	21.0171	70.8603	21.3265
75	72.0946	20.6728	72.0037	20.9872	71.9115	21.3011	71.8179	21.6147
76	73.0559	20.9484	72.9638	21.2670	72.8703	21.5852	72.7754	21.9029
77	74.0172	21.2241	73.9238	21.5468	73.8291	21.8692	73.7330	22.1911
78	74.9784	21.4997	74.8839	21.8267	74.7879	22.1532	74.6906	22.4793
79	75.9397	21.7754	75.8439	22.1065	75.7468	22.4372	75.6481	22.7675
80	76.9009	22.0510	76.8040	22.3863	76.7056	22.7212	76.6057	23.0557
81	77.8622	22.3266	77.7640	22.6661	77.6644	23.0052	77.5633	23.3439
82	78.8235	22.6023	78 7241	22.9460	78.6232	23.2893	78.5209	23.6321
83	79.7847	22.8779	79.6841	23.2258	79.5820	23.5733	79.4784	23 9203
84	80.7460	23.1535	80.6442	23.5056	80.5409	23.8573	80.4360	24.2085
85	81.7072	23.4292	81.6042	23.7855	81.4997	24.1413	81.3936	24.4967
86	82.6685	23.7048	82.5643	24.0653	82.4585	24.4253	82.3511	24.7849
87	83.6298	23.9805	83.5243	24.3451	83.4173	24.7093	83.3087	25.0731
88	84.5910	24.2561	84.4844	24.6250	84.3761	24.9933	84.2663	25.3613
89	85.5523	24.5317	85.4444	24.9048	85.3350	25.2774	85.2239	25.6495
90	86 5136	24.8074	86.4045	25.1846	86.2938	25.5614	86.1814	25.9377
91	87.4748	25.0830	87.3645	25.4644	87.2526	25.8454	87.1390	26.2259
92	88.4361	25.3586	88.3246	25.7443	88.2114	26.1294	88.0966	26.5141
93	89.3973	25.6343	89.2846	26.0241	89.1702	26.4134	89.0541	26.8023
94	90.3586	25.9099	90.2447	26.3039	90.1291	26.6974	90.0117	27.0905
95	91.3199	26.1856	91.2047	26.5838	91.0879	26.9815	90.9693	27.3786
96	92.2811	26.4612	92 1648	26.8636	92.0467	27.2655	91.9269	27.6668
97	93.2424	26.7368	93.1248	27.1434	93.0055	27.5495	92.8844	27.9550
98	94.2036	27.0125	94.0849	27.4232	93.9643	27.8335	93.8420	28.2432
99	95.1649	27.2881	95.0449	27.7031	94.9232	28.1175	94.7996	28.5314
100	96.1262	27.5637	96.0050	27.9829	95.8820	28.4015	95.7571	28.8196

No.	17	73	17¼	72¾	17½	72½	17¾	72¼
1	,9563	,2924	,9550	,2965	,9537	,3007	,9524	,3049
2	1.9126	,5847	1.9100	,5931	1.9074	,6014	1.9048	,6097
3	2.8689	,8771	2.8651	,8896	2.8612	,9021	2.8572	,9146
4	3.8252	1.1695	3.8201	1.1862	3.8149	1.2028	3.8096	1.2195
5	4.7815	1.4619	4.7751	1.4827	4.7686	1.5035	4.7620	1.5243
6	5.7378	1.7542	5.7301	1.7792	5.7223	1.8042	5.7144	1.8292
7	6.6941	2.0466	6.6851	2.0758	6.6760	2.1049	6.6668	2.1341
8	7.6504	2.3390	7.6402	2.3723	7.6297	2.4056	7.6192	2.4389
9	8.6067	2.6313	8.5952	2.6689	8.5835	2.7064	8.5716	2.7438
10	9.5630	2.9237	9.5502	2.9654	9.5372	3.0071	9.5240	3.0486
11	10.5194	3.2161	10.5052	3.2620	10.4909	3.3078	10.4764	3.3535
12	11.4757	3.5085	11.4602	3.5585	11.4446	3.6085	11.4287	3.6584
13	12.4320	3.8008	12.4153	3.8550	12.3983	3.9092	12 3811	3.9632
14	13.3883	4 0932	13.3703	4.1516	13.3520	4.2099	13.3335	4.2681
15	14.3446	4.3856	14.3253	4.4481	14.3058	4.5106	14.2859	4.5730
16	15.3009	4.6779	15.2803	4.7447	15.2595	4.8113	15.2383	4.8778
17	16.2572	4.9703	16.2353	5.0412	16.2132	5.1120	16.1907	5.1827
18	17.2135	5.2627	17.1904	5.3377	17.1669	5.4127	17.1431	5.4876
19	18.1698	5.5551	18.1454	5.6343	18.1206	5.7134	18.0955	5.7924
20	19.1261	5.8474	19.1004	5.9308	19.0743	6.0141	19.0479	6.0973
21	20.0824	6.1398	20.0554	6.2274	20.0281	6.3148	20.0003	6.4022
22	21.0387	6.4322	21.0104	6.5239	20.9818	6.6155	20.9527	6.7070
23	21.9950	6.7245	21.9655	6.8205	21 9355	6.9162	21.9051	7.0119
24	22.9513	7.0169	22.9205	7.1170	22.8892	7.2169	22.8575	7.3167
25	23.9076	7.3093	23.8755	7.4135	23.8429	7.5176	23.8099	7.6216
26	24.8639	7.6017	24.8305	7.7101	24.7966	7.8184	24.7623	7.9265
27	25.8202	7.8940	25.7855	8.0066	25.7504	8.1191	25.7147	8.2313
28	26.7765	8.1864	26.7406	8.3032	26.7041	8.4198	26.6671	8.5362
29	27.7328	8.4788	27.6956	8.5997	27.6578	8.7205	27.6195	8.8411
30	28.6891	8 7712	28.6506	8.8962	28.6115	9.0212	28.5719	9.1459
31	29.6454	9.0635	29.6056	9.1928	29.5652	9.3219	29.5243	9.4508
32	30.6018	9.3559	30.5606	9.4893	30.5189	9.6226	30.4767	9.7557
33	31.5581	9.6483	31.5157	9.7859	31.4727	9.9233	31 4291	10.0605
34	32.5144	9.9406	32.4707	10.0824	32.4264	10 2240	32.3815	10.3654
35	33.4707	10.2330	33.4257	10.3790	33.3801	10.5247	33.3339	10.6703
36	34.4270	10.5254	34.3807	10.6755	34.3338	10.8254	34.2862	10.9751
37	35.3833	10.8178	35.3357	10.9720	35.2875	11.1261	35.2386	11.2800
38	36.3396	11.1101	36.2908	11.2686	36.2412	11 4268	36.1910	11.5848
39	37.2959	11.4025	37.2458	11.5651	37.1950	11.7275	37.1434	11.8897
40	38.2522	11.6949	38.2008	11.8617	38.1487	12.0282	38.0958	12.1946
41	39.2085	11.9872	39.1558	12.1582	39.1024	12.3289	39.0482	12.4994
42	40.1648	12.2796	40.1108	12.4547	40.0561	12.6296	40.0006	12.8043
43	41.1211	12.5720	41.0659	12.7513	41.0098	12.9303	40 9530	13.1092
44	42.0774	12.8644	42.0209	13.0478	41.9635	13.2311	41.9054	13.4140
45	43.0337	13.1567	42.9759	13.3444	42.9173	13.5318	42.8578	13 7189
46	43.9900	13.4491	43.9310	13.6409	43.8710	13.8325	43.8102	14.0238
47	44.9463	13.7415	44.8859	13.9375	44.8247	14.1332	44.7626	14.3286
48	45.9026	14.0338	45.8410	14.2340	45.7784	14.4339	45.7150	14 6335
49	46.8589	14.3262	46.7960	14.5305	46.7321	14.7346	46.6674	14.9384
50	47.8152	14.6186	47.7510	14.8271	47.6858	15.0353	47.6198	15.2432

No.	17	73	17¼	72¾	17½	72½	17¾	72¼
51	48.7715	14.9110	48.7060	15.1236	48.6396	15.3360	48.5722	15.5481
52	49.7278	15.2033	49.6610	15.4202	49.5933	15.6367	49.5246	15.8529
53	50.6842	15.4957	50.6161	15.7167	50.5470	15.9374	50.4770	16.1578
54	51.6405	15.7881	51.5711	16.0132	51.5007	16.2381	51.4294	16.4627
55	52.5968	16.0804	52.5261	16.3098	52.4544	16.5388	52.3818	16.7675
56	53.5531	16.3728	53.4811	16.6063	53.4081	16.8395	53.3342	17.0724
57	54.5094	16.6652	54.4361	16.9029	54.3619	17.1402	54.2866	17.3773
58	55.4657	16.9576	55.3912	17.1994	55.3156	17.4409	55.2390	17.6821
59	56 4220	17.2499	56.3462	17.4960	56.2693	17.7416	56.1914	17.9870
60	57.3783	17.5423	57.3012	17.7925	57.2230	18.0423	57.1437	18.2919
61	58.3346	17.8347	58.2562	18.0890	58.1767	18.3431	58.0961	18.5967
62	59.2909	18.1270	59.2112	18.3856	59.1304	18.6438	59.0485	18.9016
63	60.2472	18.4194	60.1663	18.6821	60.0842	18.9445	60.0009	19.2065
64	61.2035	18.7118	61.1213	18.9787	61.0379	19.2452	60.9533	19.5113
65	62.1598	19.0042	62.0763	19.2752	61.9916	19.5459	61.9057	19.8162
66	63.1161	19.2965	63.0313	19.5717	62.9453	19.8466	62.8581	20.1210
67	64.0724	19.5889	63.9863	19.8683	63.8990	20.1473	63.8105	20.4259
68	65.0287	19.8813	64.9414	20.1648	64.8527	20.4480	64.7629	20.7308
69	65.9850	20.1736	65.8964	20.4614	65.8065	20.7487	65.7153	21.0356
70	66.9413	20.4660	66.8514	20.7579	66.7602	21.0494	66.6677	21.3405
71	67.8976	20.7584	67.8064	21.0545	67.7139	21.3501	67.6201	21.6454
72	68.8539	21.0508	68.7614	21.3510	68.6676	21.6508	68.5725	21.9502
73	69.8103	21.3431	69.7165	21.6475	69.6213	21.9515	69.5249	22.2551
74	70.7666	21.6355	70.6715	21.9441	70.5751	22.2522	70.4773	22.5600
75	71.7229	21.9279	71.6265	22 2406	71.5288	22.5529	71.4297	22.8648
76	72.6792	22.2202	72.5815	22.5372	72.4825	22.8536	72.3821	23.1697
77	73.6355	22.5126	73.5365	22.8337	73.4362	23.1543	73.3345	23.4746
78	74.5918	22.8050	74.4916	23.1302	74.3899	23.4551	74.2869	23.7794
79	75.5481	23.0974	75.4466	23.4268	75.3436	23.7558	75.2393	24.0843
80	76.5044	23.3897	76.4016	23.7233	76.2974	24.0565	76.1917	24.3891
81	77.4607	23.6821	77.3566	24.0199	77.2511	24.3572	77.1441	24.6940
82	78.4170	23.9745	78.3116	24.3164	78.2048	24.6579	78.0965	24.9989
83	79.3733	24.2669	79.2667	24.6130	79.1585	24.9586	79.0489	25.3037
84	80.3296	24.5592	80.2217	24.9095	80.1122	25.2593	80.0012	25.6086
85	81.2859	24.8516	81.1767	25.2060	81.0659	25.5600	80 9536	25.9135
86	82.2422	25.1440	82 1317	25.5026	82.0197	25.8607	81.9060	26.2183
87	83.1985	25.4363	83.0867	25.7991	82.9734	26.1614	82.8584	26.5232
88	84.1548	25.7287	84.0418	26.0957	83.9271	26.4621	83.8108	26.8281
89	85.1111	26.0211	84.9968	26.3922	84.8808	26.7628	84.7632	27.1329
90	86.0674	26.3135	85.9518	26.6887	85.8345	27.0635	85.7156	27.4378
91	87.0237	26.6058	86.9068	26.9853	86.7882	27.3642	86.6680	27.7427
92	87.9800	26.8982	87.8618	27.2818	87.7420	27.6649	87.6204	28.0475
93	88.9363	27.1906	88.8169	27.5784	88.6957	27.9656	88.5728	28.3524
94	89.8927	27.4829	89.7719	27.8749	89.6494	28.2663	89.5252	28.6572
95	90.8490	27.7753	90.7269	28.1715	90.6031	28.5671	90.4776	28.9621
96	91.8053	28.0677	91.6819	28.4680	91 5568	28.8678	91.4300	29.2670
97	92.7616	28.3601	92.6369	28.7645	92.5105	29.1685	92.3824	29.5718
98	93.7179	28.6524	93.5920	29.0611	93.4643	29.4692	93.3348	29.8767
99	94.6742	28.9448	94.5470	29.3576	94.4180	29.7699	94.2872	30.1816
100	95.6305	29.2372	95.5020	29.6542	95.3717	30.0706	95.2396	30.4864

No.	18	72	18¼	71¾	18½	71½	18¾	71¼
1	,9511	,3090	,9497	,3132	,9483	,3173	,9469	,3214
2	1.9021	,6180	1.8994	,6263	1.8966	,6346	1.8939	,6429
3	2.8532	,9271	2.8491	,9395	2.8450	,9519	2.8408	,9643
4	3.8042	1.2361	3.7988	1.2527	3.7933	1.2692	3.7877	1.2858
5	4.7553	1.5451	4.7485	1.5658	4.7416	1.5865	4.7347	1.6072
6	5.7063	1.8541	5.6982	1.8790	5.6899	1.9038	5.6816	1.9286
7	6.6574	2.1631	6.6479	2.1921	6.6383	2.2211	6.6285	2.2501
8	7.6085	2.4721	7.5976	2.5053	7.5866	2.5384	7.5754	2.5715
9	8.5595	2.7812	8.5473	2.8185	8.5349	2.8557	8.5224	2.8930
10	9.5106	3.0902	9.4970	3.1316	9.4832	3.1730	9.4693	3.2144
11	10.4616	3.3992	10.4467	3.4448	10.4316	3.4904	10.4162	3.5358
12	11.4127	3.7082	11.3964	3.7580	11.3799	3.8077	11.3632	3.8573
13	12.3637	4.0172	12.3461	4.0711	12.3282	4.1250	12.3101	4.1787
14	13.3148	4.3262	13.2958	4.3843	13.2765	4.4423	13.2570	4.5002
15	14.2658	4.6353	14.2455	4.6975	14.2249	4.7596	14.2040	4.8216
16	15.2169	4.9443	15.1952	5.0106	15.1732	5.0769	15.1509	5.1430
17	16.1680	5.2533	16.1449	5.3238	16.1215	5.3942	16.0978	5.4645
18	17.1190	5.5623	17.0946	5.6369	17.0698	5.7115	17.0447	5.7859
19	18.0701	5.8713	18.0443	5.9501	18.0181	6.0288	17.9917	6.1074
20	19.0211	6.1803	18.9940	6.2633	18.9665	6.3461	18.9386	6.4288
21	19.9722	6.4894	19.9437	6.5764	19.9148	6.6634	19.8855	6 7502
22	20.9232	6.7984	20.8934	6.8896	20.8631	6.9807	20.8325	7.0717
23	21.8743	7.1074	21.8431	7.2028	21.8114	7.2980	21.7794	7.3931
24	22.8254	7.4164	22.7928	7.5159	22.7598	7.6153	22.7263	7.7145
25	23.7764	7.7254	23.7425	7.8291	23.7081	7.9326	23.6733	8.0360
26	24.7275	8.0344	24.6922	8.1423	24.6564	8.2499	24.6202	8.3574
27	25.6785	8.3435	25.6419	8.4554	25.6047	8 5672	25.5671	8.6789
28	26.6296	8.6525	26.5916	8.7686	26.5531	8.8845	26.5140	9.0003
29	27.5806	8.9615	27.5413	9.0818	27.5014	9.2018	27.4610	9.3217
30	28.5317	9.2705	28.4910	9.3949	28.4497	9.5191	28.4079	9.6432
31	29.4828	9.5795	29.4407	9.7081	29.3980	9.8364	29.3548	9.9646
32	30.4338	9.8885	30.3904	10.0212	30.3464	10.1538	30.3018	10.2861
33	31.3849	10.1976	31.3401	10.3344	31.2947	10.4711	31.2487	10.6075
34	32.3359	10.5066	32.2898	10.6476	32.2430	10.7884	32.1956	10.9289
35	33.2870	10.8156	33.2395	10.9607	33.1913	11.1057	33.1426	11.2504
36	34.2380	11.1246	34.1892	11.2739	34.1396	11.4230	34.0895	11.5718
37	35.1891	11 4336	35.1389	11.5871	35.0880	11.7403	35.0364	11.8933
38	36.1401	11.7426	36.0886	11.9002	36.0363	12.0576	35.9833	12.2147
39	37.0912	12.0517	37.0383	12.2134	36.9846	12.3749	36.9303	12 5361
40	38.0423	12.3607	37.9880	12.5266	37.9329	12.6922	37.8772	12.8576
41	38.9933	12.6697	38.9377	12.8397	38.8813	13.0095	38.8241	13.1790
42	39.9444	12.9787	39.8874	13.1529	39.8296	13.3268	39.7711	13.5005
43	40.8954	13.2877	40.8371	13.4660	40.7779	13.6441	40.7180	13.8219
44	41.8465	13.5967	41.7868	13.7792	41.7262	13.9614	41.6649	14.1433
45	42.7975	13.9058	42.7365	14.0924	42.6746	14.2787	42.6119	14.4648
46	43.7486	14.2148	43.6862	14.4055	43.6229	14.5960	43.5588	14.7862
47	44.6997	14.5238	44.6359	14.7187	44.5712	14.9133	44.5057	15.1077
48	45.6507	14.8328	45.5856	15.0319	45.5195	15.2306	45.4526	15.4291
49	46.6018	15.1418	46.5353	15.3450	46.4679	15.5479	46.3996	15.7505
50	47.5528	15.4509	47.4850	15.6582	47.4162	15.8652	47.3465	16.0720

No.	18	72	18¼	71¾	18½	71½	18¾	71¼
51	48.5039	15.7599	48.4347	15.9714	48.3645	16.1825	48.2934	16.3934
52	49.4549	16.0689	49.3844	16.2845	49.3128	16.4998	49.2404	16.7149
53	50.4060	16.3779	50.3341	16.5977	50.2612	16.8171	50.1873	17.0363
54	51.3571	16.6869	51.2838	16.9108	51.2095	17.1345	51.1342	17.3577
55	52.3081	16.9959	52.2335	17.2240	52.1578	17.4518	52.0812	17.6792
56	53.2592	17.3050	53.1831	17.5372	53.1061	17.7691	53.0281	18.0006
57	54.2102	17.6140	54.1328	17.8503	54.0544	18.0864	53.9750	18.3221
58	55.1613	17.9230	55.0825	18.1635	55.0028	18.4037	54.9219	18.6435
59	56.1123	18.2320	56.0322	18.4767	55.9511	18.7210	55.8689	18.9649
60	57.0634	18.5410	56.9819	18.7898	56.8994	19.0383	56.8158	19.2864
61	58.0144	18.8500	57.9316	19.1030	57.8477	19.3556	57.7627	19.6078
62	58.9655	19.1591	58.8813	19.4162	58.7961	19.6729	58.7097	19.9292
63	59.9166	19.4681	59.8310	19.7293	59.7444	19.9902	59.6566	20.2507
64	60.8676	19.7771	60.7807	20.0425	60.6927	20.3075	60.6035	20.5721
65	61.8187	20.0861	61.7304	20.3556	61.6410	20.6248	61.5505	20.8936
66	62.7697	20.3951	62.6801	20.6688	62.5894	20.9421	62.4974	21.2150
67	63.7208	20.7041	63.6298	20.9820	63.5377	21.2594	63.4443	21.5364
68	64.6718	21.0132	64.5795	21.2951	64.4860	21.5767	64.3912	21.8579
69	65 6229	21.3222	65.5292	21.6083	65.4343	21.8940	65.3382	22.1793
70	66.5740	21.6312	66.4789	21.9215	66.3827	22.2113	66.2851	22.5008
71	67.5250	21.9402	67.4286	22.2346	67.3310	22.5286	67.2320	22.8222
72	68.4761	22.2492	68.3783	22.5478	68.2793	22.8459	68.1790	23.1436
73	69.4271	22.5582	69.3280	22.8610	69.2276	23.1632	69.1259	23.4651
74	70.3782	22.8673	70.2777	23.1741	70.1759	23.4805	70.0728	23.7865
75	71.3292	23.1763	71.2274	23.4873	71.1243	23.7979	71.0198	24.1080
76	72.2803	23.4853	72.1771	23.8004	72.0726	24.1152	71.9667	24.4294
77	73.2314	23.7943	73.1268	24.1136	73.0209	24.4325	72.9136	24.7508
78	74.1824	24.1033	74.0765	24.4268	73.9692	24.7498	73.8605	25.0723
79	75.1335	24.4123	75.0262	24.7399	74.9176	25.0671	74.8075	25.3937
80	76.0845	24.7214	75.9759	25.0531	75.8659	25.3844	75.7544	25.7152
81	77.0356	25.0304	76.9256	25.3663	76.8142	25.7017	76.7013	26.0366
82	77.9866	25.3394	77.8753	25.6794	77.7625	26.0190	77.6483	26.3580
83	78.9377	25.6484	78.8250	25.9926	78.7109	26.3363	78.5952	26.6795
84	79 8887	25.9574	79.7747	26.3058	79.6592	26.6536	79.5421	27.0009
85	80.8398	26.2664	80.7244	26.6189	80.6075	26.9709	80.4891	27.3224
86	81.7909	26.5755	81.6741	26.9321	81.5558	27.2882	81.4360	27.6438
87	82.7419	26.8845	82.6238	27.2453	82.5042	27.6055	82.3829	27.9652
88	83.6930	27.1935	83.5735	27.5584	83.4525	27.9228	83.3298	28.2867
89	84.6440	27.5025	84.5232	27.8716	84.4008	28.2401	84.2768	28.6081
90	85.5951	27.8115	85.4729	28.1847	85.3491	28.5574	85.2237	28.9296
91	86.5461	28.1205	86.4226	28.4979	86.2974	28.8747	86.1706	29.2510
92	87.4972	28.4296	87.3723	28.8111	87.2458	29.1920	87.1176	29.5724
93	88.4483	28.7386	88.3220	29.1242	88.1941	29.5093	88.0645	29.8939
94	89.3993	29.0476	89.2717	29.4374	89.1424	29.8266	89.0114	30.2153
95	90.3504	29.3566	90.2214	29.7506	90.0907	30.1439	89.9584	30.5368
96	91.3014	29.6656	91.1711	30.0637	91.0391	30.4613	90.9053	30.8582
97	92.2525	29.9746	92.1208	30.3769	91.9874	30.7786	91.8522	31.1796
98	93.2035	30.2837	93.0705	30.6901	92.9357	31.0959	92.7991	31.5011
99	94.1546	30.5927	94.0202	31.0032	93.8840	31.4132	93.7461	31.8225
100	95.1057	30.9017	94.9699	31.3164	94.8324	31.7305	94.6930	32 1440

No	19	71	19¼	70¾	19½	70½	19¾	70¼
1	,9455	,3256	,9441	,3297	,9426	,3338	,9412	,3379
2	1.8910	,6511	1.8882	,6594	1.8853	,6676	1.8824	,6758
3	2.8366	,9767	2.8323	,9891	2.8279	1.0014	2.8235	1.0138
4	3.7821	1.3023	3.7764	1.3188	3.7706	1.3352	3.7647	1.3517
5	4.7276	1.6278	4.7204	1.6485	4.7132	1.6690	4.7059	1.6896
6	5.6731	1.9534	5.6645	1.9781	5.6558	2.0028	5.6471	2.0275
7	6.6186	2.2790	6.6086	2.3078	6.5985	2.3366	6.5882	2.3654
8	7.5641	2.6045	7.5527	2.6375	7.5411	2.6705	7.5294	2.7033
9	8.5097	2.9301	8.4968	2.9672	8.4838	3.0043	8.4706	3.0413
10	9.4552	3.2557	9.4409	3.2969	9.4264	3.3381	9.4118	3.3792
11	10.4007	3.5813	10.3850	3.6266	10.3691	3.6719	10.3529	3.7171
12	11.3462	3.9068	11.3291	3.9563	11.3117	4.0057	11.2941	4.0550
13	12.2917	4.2324	12.2732	4.2860	12.2543	4.3395	12.2353	4.3929
14	13.2373	4.5580	13.2172	4.6157	13.1970	4.6733	13.1765	4.7308
15	14.1828	4.8835	14.1613	4.9454	14.1396	5.0071	14.1176	5.0688
16	15.1283	5.2091	15.1054	5.2750	15.0823	5.3409	15.0588	5.4067
17	16.0738	5.5347	16.0495	5.6047	16.0249	5.6747	16.0000	5.7446
18	17.0193	5.8602	16.9936	5.9344	16.9675	6.0085	16.9412	6.0825
19	17.9649	6.1858	17.9377	6.2641	17.9102	6.3423	17.8823	6.4204
20	18.9104	6.5114	18.8818	6.5938	18.8528	6.6761	18.8235	6.7583
21	19.8559	6.8369	19.8259	6.9235	19.7955	7.0099	19.7647	7.0963
22	20.8014	7.1625	20.7700	7.2532	20.7381	7.3438	20.7059	7.4342
23	21.7469	7.4881	21.7140	7.5829	21.6808	7.6776	21.6470	7.7721
24	22.6924	7.8136	22.6581	7.9126	22.6234	8.0114	22.5882	8.1100
25	23.6380	8.1392	23.6022	8.2423	23.5660	8.3452	23.5294	8.4479
26	24.5835	8.4646	24.5463	8.5720	24.5087	8.6790	24.4706	8.7858
27	25.5290	8.7903	25.4904	8.9016	25.4513	9.0128	25.4118	9.1238
28	26.4745	9.1159	26.4345	9.2313	26.3940	9.3466	26.3529	9.4617
29	27.4200	9.4415	27.3786	9.5610	27.3366	9.6804	27.2941	9.7996
30	28.3656	9.7670	28.3227	9.8907	28.2792	10.0142	28.2353	10.1375
31	29.3111	10.0926	29.2668	10.2204	29.2219	10.3480	29.1765	10.4754
32	30.2566	10.4182	30.2108	10.5501	30.1645	10.6818	30.1176	10.8133
33	31.2021	10.7438	31.1549	10.8798	31.1072	11.0156	31.0588	11.1513
34	32.1476	11.0693	32.0990	11.2095	32.0498	11.3494	32.0000	11.4892
35	33.0931	11.3949	33.0431	11.5392	32.9925	11.6832	32.9412	11.8271
36	34.0387	11.7205	33.9872	11.8689	33.9351	12.0170	33.8823	12.1650
37	34.9842	12.0460	34.9313	12.1986	34.8777	12.3509	34.8235	12.5029
38	35.9297	12.3716	35.8754	12.5282	35.8204	12.6847	35.7647	12.8408
39	36.8752	12.6972	36.8195	12.8579	36.7630	13.0185	36.7059	13.1788
40	37.8207	13.0227	37.7636	13.1876	37.7057	13.3523	37.6470	13.5167
41	38.7663	13.3483	38.7076	13.5173	38.6483	13.6861	38.5882	13.8546
42	39.7118	13.6739	39.6517	13.8470	39.5909	14.0199	39.5294	14.1925
43	40.6573	13.9994	40.5958	14.1767	40.5336	14.3537	40.4706	14.5304
44	41.6028	14.3250	41.5399	14.5064	41.4762	14.6875	41.4117	14.8683
45	42.5483	14.6506	42.4840	14.8361	42.4189	15.0213	42.3529	15.2063
46	43.4939	14.9761	43.4281	15.1658	43.3615	15.3551	43.2941	15.5442
47	44.4394	15.3017	44.3722	15.4955	44.3042	15.6889	44.2353	15.8821
48	45.3849	15.6273	45.3163	15.8251	45.2468	16.0227	45.1764	16.2200
49	46.3304	15.9528	46.2604	16.1548	46.1894	16.3565	46.1176	16.5579
50	47.2759	16.2784	47.2045	16.4845	47.1321	16.6903	47.0588	16.8958

No.	19	71	19¼	70¾	19½	70½	19¾	70¼
51	48.2214	16.6040	48.1485	16.8142	48.0747	17.0242	48.0000	17.2338
52	49.1670	16.9295	49.0926	17.1439	49.0174	17.3580	48.9412	17.5717
53	50.1125	17.2551	50.0367	17.4736	49.9600	17.6918	49.8823	17.9096
54	51.0580	17.5807	50.9808	17.8033	50.9026	18.0256	50.8235	18.2475
55	52.0035	17.9063	51.9249	18.1330	51.8453	18.3594	51.7647	18.5854
56	52.9490	18.2318	52.8690	18.4627	52.7879	18.6932	52.7059	18.9233
57	53.8946	18.5574	53.8131	18.7924	53.7306	19.0270	53.6470	19.2613
58	54.8401	18.8830	54.7572	19.1221	54.6732	19.3608	54.5882	19.5992
59	55.7856	19.2085	55.7013	19.4517	55.6158	19.6946	55.5294	19.9371
60	56.7311	19.5341	56.6453	19.7814	56.5585	20.0284	56.4706	20.2750
61	57.6766	19.8597	57.5894	20.1111	57.5011	20.3622	57.4117	20.6129
62	58.6221	20.1852	58.5335	20.4408	58.4438	20.6960	58.3529	20.9508
63	59.5677	20.5108	59.4776	20.7705	59.3864	21.0298	59.2941	21.2888
64	60.5132	20.8364	60.4217	21.1002	60.3291	21.3636	60.2353	21.6267
65	61.4587	21.1619	61.3658	21.4299	61.2717	21.6974	61.1764	21.9646
66	62.4042	21.4875	62.3099	21.7596	62.2143	22.0313	62.1176	22.3025
67	63.3497	21.8131	63.2540	22.0893	63.1570	22.3651	63.0588	22.6404
68	64.2953	22.1386	64.1981	22.4190	64.0996	22.6989	64.0000	22.9783
69	65.2408	22.4642	65.1421	22.7487	65.0423	23.0327	64.9411	23.3163
70	66.1863	22.7898	66.0862	23.0783	65.9849	23.3665	65.8823	23.6542
71	67.1318	23.1153	67.0303	23.4080	66.9275	23.7003	66.8235	23.9921
72	68.0773	23.4409	67.9744	23.7377	67.8702	24.0341	67.7647	24.3300
73	69.0229	23.7665	68.9185	24.0674	68.8128	24.3679	68.7058	24.6679
74	69.9684	24.0920	69.8626	24.3971	69.7555	24.7017	69.6470	25.0058
75	70.9139	24.4176	70.8067	24 7268	70.6981	25.0355	70.5882	25.3438
76	71.8594	24.7432	71.7508	25.0565	71.6408	25.3693	71.5294	25.6817
77	72.8049	25.0688	72.6949	25.3862	72.5834	25.7031	72.4706	26.0196
78	73.7504	25.3943	73.6389	25.7159	73.5260	26.0369	73.4117	26.3575
79	74.6960	25.7199	74.5830	26.0456	74.4687	26.3707	74.3529	26.6954
80	75.6415	26.0455	75.5271	26.3752	75.4113	26.7046	75.2941	27.0333
81	76.5870	26.3710	76.4712	26.7049	76.3540	27.0384	76.2353	27.3713
82	77.5325	26.6966	77.4153	27.0346	77.2966	27.3722	77.1764	27.7092
83	78.4780	27.0222	78.3594	27.3643	78.2392	27.7060	78.1176	28.0471
84	79.4236	27.3477	79.3035	27.6940	79.1819	28.0398	79.0588	28.3850
85	80.3691	27.6733	80.2476	28.0237	80.1245	28.3736	80.0000	28.7229
86	81.3146	27.9989	81.1917	28.3534	81.0672	28.7074	80.9411	29.0608
87	82.2601	28.3244	82 1357	28.6831	82.0098	29.0412	81.8823	29.3988
88	83.2056	28.6500	83.0798	29.0128	82.9525	29.3750	82.8235	29.7367
89	84.1511	28.9756	84.0239	29.3425	83.8951	29.7089	83.7647	30.0746
90	85.0967	29.3011	84.9680	29.6722	84.8377	30.0426	84.7058	30.4125
91	86.0422	29.6267	85.9121	30.0018	85.7804	30.3764	85.6470	30.7504
92	86.9877	29.9523	86.8562	30.3315	86.7230	30.7102	86.5882	31.0883
93	87.9332	30.2778	87.8003	30.6612	87.6657	31.0440	87.5294	31.4263
94	88.8787	30.6034	88.7444	30.9909	88.6083	31.3778	88.4705	31.7642
95	89.8243	30.9290	89.6885	31.3206	89.5509	31.7117	89.4117	32.1021
96	90.7698	31.2545	90.6325	31.6503	90.4936	32.0455	90.3529	32.4400
97	91.7153	31.5801	91.5766	31.9800	91 4362	32.3793	91.2941	32.7779
98	92.6608	31.9057	92.5207	32.3097	92.3789	32.7131	92.2352	33.1158
99	93.6063	32.2313	93.4648	32.6394	93.3215	33.0469	93.1764	33.4538
100	94.5519	32.5568	94.4089	32.9691	94.2642	33.3807	94.1176	33.7917

No	20	70	20¼	69¾	20½	69½	20¾	69¼
1	,9397	,3420	,9382	,3461	,9367	,3502	,9351	,3543
2	1.8794	,6840	1.8764	,6922	1.8733	,7004	1.8703	,7086
3	2.8191	1.0261	2.8146	1.0384	2.8100	1.0506	2.8054	1.0629
4	3.7588	1.3681	3.7528	1.3845	3.7467	1.4008	3.7405	1.4172
5	4.6985	1.7101	4.6910	1.7306	4.6834	1.7510	4.6757	1.7715
6	5.6382	2.0521	5.6291	2.0767	5.6200	2.1012	5.6108	2.1257
7	6.5778	2.3941	6.5673	2.4228	6.5567	2.4515	6.5459	2.4800
8	7.5175	2.7362	7.5055	2.7689	7.4934	2.8017	7.4811	2.8343
9	8.4572	3.0782	8.4437	3.1151	8.4300	3.1519	8.4162	3.1886
10	9.3969	3.4202	9.3819	3.4612	9.3667	3.5021	9.3514	3.5429
11	10.3366	3.7622	10.3201	3.8073	10.3034	3.8523	10.2865	3.8972
12	11.2763	4.1042	11.2583	4.1534	11.2401	4.2025	11.2216	4 2515
13	12.2160	4.4463	12.1965	4.4995	12.1767	4.5527	12.1568	4.6058
14	13.1557	4.7883	13.1347	4.8456	13.1134	4.9029	13.0919	4.9601
15	14.0954	5.1303	14.0729	5.1918	14.0501	5.2531	14.0270	5.3144
16	15.0351	5.4723	15.0111	5.5379	14.9868	5.6033	14.9622	5.6687
17	15.9748	5.8143	15.9493	5.8840	15.9234	5.9535	15.8973	6.0229
18	16.9145	6.1564	16.8874	6.2301	16.8601	6.3037	16.8324	6.3772
19	17.8542	6.4984	17.8256	6.5762	17.7968	6.6539	17.7676	6.7315
20	18.7939	6.8404	18.7638	6.9223	18.7334	7.0041	18.7027	7.0858
21	19.7335	7.1824	19.7020	7.2685	19.6701	7.3544	19.6378	7.4401
22	20.6732	7.5244	20.6402	7.6146	20.6068	7.7046	20.5730	7.7944
23	21.6129	7.8665	21.5784	7.9607	21.5435	8.0548	21.5081	8.1487
24	22.5526	8.2085	22.5166	8.3068	22.4801	8.4050	22.4432	8.5030
25	23.4923	8.5505	23.4548	8.6529	23.4168	8.7552	23.3784	8.8573
26	24.4320	8.8925	24.3930	8.9990	24.3535	9.1054	24.3135	9.2116
27	25.3717	9.2345	25.3312	9.3452	25.2901	9.4556	25.2487	9.5659
28	26.3114	9.5766	26.2694	9.6913	26.2268	9.8058	26.1838	9.9201
29	27.2511	9.9186	27.2075	10.0374	27.1635	10.1560	27.1189	10.2744
30	28.1908	10.2606	28.1457	10.3835	28.1002	10.5062	28.0541	10.6287
31	29.1305	10.6026	29.0839	10.7296	29.0368	10.8564	28.9892	10.9830
32	30.0702	10.9446	30.0221	11.0757	29.9735	11.2066	29.9243	11.3373
33	31.0099	11.2867	30.9603	11.4219	30.9102	11.5568	30.8595	11.6916
34	31.9495	11.6287	31.8985	11.7680	31.8469	11.9071	31.7946	12.0459
35	32.8892	11.9707	32.8367	12.1141	32.7835	12.2573	32.7297	12.4002
36	33.8289	12.3127	33.7749	12.4602	33.7202	12.6075	33.6649	12.7545
37	34.7686	12.6547	34.7131	12.8063	34.6569	12.9577	34.6000	13.1088
38	35.7083	12.9968	35.6513	13.1524	35.5935	13.3079	35.5351	13.4631
39	36.6480	13.3388	36.5895	13.4986	36.5302	13.6581	36.4703	13.8173
40	37.5877	13.6808	37 5277	13.8447	37.4669	14.0083	37.4054	14.1716
41	38.5274	14.0228	38.4658	14.1908	38.4036	14.3585	38.3405	14.5259
42	39.4671	14.3648	39.4040	14.5369	39.3402	14.7087	39.2757	14.8802
43	40.4068	14.7069	40.3422	14.8830	40.2769	15.0589	40.2108	15.2345
44	41.3465	15.0489	41.2804	15.2292	41.2136	15.4091	41.1459	15.5888
45	42.2862	15.3900	42.2186	15.5753	42.1502	15.7593	42.0811	15.9431
46	43.2259	15.7329	43.1568	15.9214	43.0869	16.1095	43.0162	16.2974
47	44.1656	16.0749	44.0950	16.2675	44.0236	16.4597	43.9514	16.6517
48	45.1052	16.4170	45.0332	16.6136	44.9603	16.8100	44.8865	17.0060
49	46.0449	16.7590	45.9714	16.9597	45.8969	17.1602	45.8216	17.3603
50	46.9846	17.1010	46.9096	17.3059	46.8336	17.5104	46.7568	17.7146

No.	20	70	20¼	69¾	20½	69½	20¾	69¼
51	47.9243	17.4430	47.8478	17.6520	47.7703	17.8606	47.6919	18.0688
52	48.8640	17.7851	48.7859	17.9981	48.7070	18.2108	48.6270	18.4231
53	49.8037	18.1271	49.7241	18.3442	49.6436	18.5610	49.5622	18.7774
54	50.7434	18.4691	50.6623	18.6903	50.5803	18.9112	50.4973	19.1317
55	51.6831	18.8111	51.6005	19.0364	51.5170	19.2614	51.4324	19.4860
56	52.6228	19.1531	52.5387	19.3826	52.4536	19.6116	52.3676	19.8403
57	53.5625	19.4952	53.4769	19.7287	53.3903	19.9618	53.3027	20.1946
58	54.5022	19.8372	54.4151	20.0748	54.3270	20.3120	54.2378	20.5489
59	55.4419	20.1792	55.3533	20.4209	55.2637	20.6622	55.1730	20.9032
60	56.3816	20.5212	56.2915	20.7670	56.2003	21.0124	56.1081	21.2575
61	57.3212	20.8632	57.2297	21.1131	57.1370	21.3627	57.0432	21.6118
62	58.2609	21.2053	58.1679	21.4593	58.0737	21.7129	57.9784	21.9660
63	59.2006	21.5473	59.1061	21.8054	59 0103	22.0631	58.9135	22.3203
64	60.1403	21.8893	60.0442	22.1515	59.9470	22.4133	59.8487	22.6746
65	61.0800	22.2313	60.9824	22.4976	60.8837	22.7635	60.7838	23.0289
66	62.0197	22.5733	61.9206	22.8437	61.8204	23.1137	61.7189	23.3832
67	62.9594	22.9154	62.8588	23.1898	62.7570	23.4639	62.6541	23.7375
68	63.8991	23.2574	63.7970	23.5360	63.6937	23.8141	63.5892	24.0918
69	64.8388	23.5994	64.7352	23.8821	64.6304	24.1643	64.5243	24.4461
70	65.7785	23.9414	65.6734	24.2282	65.5671	24.5145	65.4595	24.8004
71	66.7182	24.2834	66.6116	24.5743	66.5037	24.8647	66.3946	25.1547
72	67.6579	24.6255	67.5498	24.9204	67.4404	25.2149	67.3297	25.5090
73	68.5976	24.9675	68.4880	25.2665	68.3771	25.5651	68.2649	25.8632
74	69.5373	25.3095	69.4262	25.6127	69.3137	25.9153	69.2000	26.2175
75	70.4769	25.6515	70.3643	25.9588	70.2504	26.2656	70.1351	26.5718
76	71.4166	25.9935	71.3025	26.3049	71.1871	26.6158	71.0703	26.9261
77	72.3563	26.3356	72.2407	26.6510	72.1238	26.9660	72.0054	27.2804
78	73.2960	26.6776	73.1789	26.9971	73.0604	27.3162	72.9405	27.6347
79	74.2357	27.0196	74.1171	27.3433	73.9971	27.6664	73.8757	27.9890
80	75.1754	27.3616	75.0553	27.6894	74.9338	28.0166	74.8108	28.3433
81	76.1151	27.7036	75.9935	28.0355	75.8704	28.3668	75.7460	28.6976
82	77.0548	28.0457	76.9317	28.3816	76.8071	28.7170	76.6811	29.0519
83	77.9945	28.3877	77.8699	28.7277	77.7438	29.0672	77.6162	29.4062
84	78.9342	28.7297	78.8081	29.0738	78.6805	29.4174	78.5514	29.7604
85	79.8739	29.0717	79.7463	29.4200	79.6171	29.7676	79.4865	30.1147
86	80.8136	29.4137	80.6845	29.7661	80.5538	30.1178	80.4216	30.4690
87	81.7533	29.7558	81.6226	30.1122	81.4905	30.4680	81.3568	30.8233
88	82 6929	30.0978	82.5608	30.4583	82.4272	30.8183	82.2919	31.1776
89	83.6326	30.4398	83.4990	30.8044	83.3638	31.1685	83.2270	31.5319
90	84.5723	30.7818	84.4372	31.1505	84.3005	31.5187	84.1622	31.8862
91	85.5120	31.1238	85.3754	31.4967	85.2372	31.8689	85.0973	32.2405
92	86.4517	31.4659	86.3136	31.8428	86.1738	32.2191	86.0324	32.5948
93	87.3914	31.8079	87.2518	32.1889	87.1105	32.5693	86.9676	32.9491
94	88.3311	32.1499	88.1900	32.5380	88.0472	32.9195	87.9027	33.3034
95	89.2708	32.4919	89.1282	32.8811	88.9839	33.2697	88.8378	33.6576
96	90.2105	32.8339	90.0664	33.2272	89.9205	33.6199	89.7730	34.0119
97	91.1502	33.1760	91.0046	33.5734	90.8572	33.9701	90.7081	34.3662
98	92.0899	33.5180	91.9427	33.9195	91.7939	34.3203	91.6432	34.7205
99	93.0296	33.8600	92.8809	34.2656	92.7305	34.6705	92.5784	35.0748
100	93.9693	34.2020	93.8191	34.6117	93.6672	35.0207	93.5135	35.4291

No	21	69	21¼	68¾	21½	68½	21¾	68¼
1	,9336	,3584	,9320	,3624	,9304	,3665	,9288	,3706
2	1.8672	,7167	1.8640	,7249	1.8608	,7330	1.8576	,7411
3	2.8007	1.0751	2.7960	1.0873	2.7913	1.0995	2.7864	1.1117
4	3.7343	1.4335	3.7280	1.4498	3.7217	1.4660	3.7152	1.4822
5	4.6679	1.7918	4.6600	1.8122	4.6521	1.8325	4.6440	1.8528
6	5.6015	2.1502	5.5920	2.1746	5.5825	2.1990	5.5729	2.2233
7	6.5351	2.5086	6.5241	2.5371	6.5129	2.5655	6.5017	2.5939
8	7.4686	2.8669	7.4561	2.8995	7.4433	2.9320	7.4305	2.9645
9	8.4022	3.2253	8.3881	3.2619	8.3738	3.2985	8.3593	3.3350
10	9.3358	3.5837	9.3201	3.6244	9.3042	3.6650	9.2881	3.7056
11	10.2694	3.9420	10.2521	3.9868	10.2346	4.0315	10.2169	4.0761
12	11.2030	4.3004	11.1841	4.3493	11.1650	4.3980	11.1457	4.4467
13	12.1365	4.6588	12.1161	4.7117	12.0954	4.7645	12.0745	4.8172
14	13.0701	5.0172	13.0481	5.0741	13.0258	5.1310	13.0033	5.1878
15	14.0037	5.3755	13.9801	5.4366	13.9563	5.4975	13.9321	5.5584
16	14.9373	5.7339	14.9121	5.7990	14.8867	5.8640	14.8610	5.9289
17	15.8709	6.0923	15.8441	6.1614	15.8171	6.2305	15.7898	6.2995
18	16.8044	6.4506	16.7761	6.5239	16.7475	6.5970	16.7186	6.6700
19	17.7380	6.8090	17.7082	6.8863	17.6779	6.9635	17.6474	7.0406
20	18.6716	7.1674	18.6402	7.2488	18.6084	7.3300	18.5762	7.4111
21	19.6052	7.5257	19.5722	7.6112	19.5388	7.6965	19.5050	7.7817
22	20.5388	7.8841	20.5042	7.9736	20.4692	8.0630	20.4338	8.1523
23	21.4723	8.2425	21.4362	8.3361	21.3996	8.4295	21.3626	8.5228
24	22.4059	8.6008	22.3682	8.6985	22.3300	8.7960	22.2914	8.8934
25	23.3395	8.9592	23.3002	9.0610	23.2604	9.1625	23.2202	9.2639
26	24.2731	9.3176	24.2322	9.4234	24.1909	9.5290	24.1490	9.6345
27	25.2067	9.6759	25.1642	9.7858	25.1213	9.8955	25.0779	10.0050
28	26.1403	10.0343	26.0962	10.1483	26.0517	10.2620	26.0067	10.3756
29	27.0738	10.3927	27.0282	10.5107	26.9821	10.6285	26.9355	10.7462
30	28.0074	10.7510	27.9602	10.8731	27.9125	10.9950	27.8643	11.1167
31	28.9410	11.1094	28.8922	11.2356	28.8429	11.3615	28.7931	11.4873
32	29.8746	11.4678	29.8243	11.5980	29.7734	11.7280	29.7219	11.8578
33	30.8082	11.8261	30.7563	11.9605	30.7038	12.0945	30.6507	12.2284
34	31.7417	12.1845	31.6883	12.3229	31.6342	12.4610	31.5795	12.5990
35	32.6753	12.5429	32.6203	12.6853	32.5646	12.8275	32.5083	12.9695
36	33.6089	12.9012	33.5523	13.0478	33.4950	13.1940	33.4371	13.3401
37	34.5425	13.2596	34.4843	13.4102	34.4254	13.5605	34.3660	13.7106
38	35.4761	13.6180	35.4163	13.7726	35.3559	13.9270	35.2948	14.0812
39	36.4096	13.9763	36.3483	14.1351	36.2863	14.2936	36.2236	14.4517
40	37.3432	14.3347	37.2803	14.4975	37.2167	14.6601	37.1524	14.8223
41	38.2768	14.6931	38.2123	14.8600	38.1471	15.0266	38.0812	15.1929
42	39.2104	15.0515	39.1443	15.2224	39.0775	15.3931	39.0100	15.5634
43	40.1440	15.4098	40.0763	15.5848	40.0080	15.7596	39.9388	15.9340
44	41.0775	15.7682	41.0083	15.9473	40.9384	16.1261	40.8676	16.3045
45	42.0111	16.1266	41.9404	16.3097	41.8688	16.4926	41.7964	16.6751
46	42.9447	16.4849	42.8724	16.6721	42.7992	16.8591	42.7252	17.0456
47	43.8783	16.8433	43.8044	17.0346	43.7296	17.2256	43.6540	17.4162
48	44.8119	17.2017	44.7364	17.3970	44.6600	17.5921	44.5829	17.7868
49	45.7454	17.5600	45.6684	17.7595	45.5905	17.9586	45.5117	18.1573
50	46.6790	17.9184	46.6004	18.1219	46.5209	18.3251	46.4405	18.5279

No	21	69	21¼	68¾	21½	68½	21¾	68¼
51	47.6126	18.2768	47.5324	18.4843	47.4513	18.6916	47.3693	18.8984
52	48.5462	18.6351	48.4644	18.8468	48.3817	19.0581	48.2981	19.2690
53	49.4798	18.9935	49.3964	19.2092	49.3121	19.4246	49.2269	19.6395
54	50.4133	19.3519	50.3284	19.5717	50.2425	19.7911	50.1557	20.0101
55	51.3469	19.7102	51.2604	19.9341	51.1730	20.1576	51.0845	20.3807
56	52.2805	20.0686	52.1924	20.2965	52.1034	20.5241	52.0133	20.7512
57	53.2141	20.4270	53.1245	20.6590	53.0338	20.8906	52.9421	21.1218
58	54.1477	20.7853	54.0565	21.0214	53.9642	21.2571	53.8710	21.4923
59	55.0812	21.1437	54.9885	21.3838	54.8946	21.6236	54.7998	21.8629
60	56.0148	21.5021	55.9205	21.7463	55.8251	21.9901	55.7286	22.2334
61	56.9484	21.8604	56.8525	22.1087	56.7555	22.3566	56.6574	22.6040
62	57.8820	22.2188	57.7845	22.4712	57.6859	22.7231	57.5862	22.9746
63	58.8156	22.5772	58.7165	22.8336	58.6163	23.0896	58.5150	23.3451
64	59.7491	22.9355	59.6485	23.1960	59.5467	23.4561	59.4438	23.7157
65	60.6827	23.2939	60.5805	23.5585	60.4771	23.8226	60.2726	24.0862
66	61.6163	23.6523	61.5125	23.9209	61.4076	24.1891	61.3014	24.4568
67	62.5499	24.0106	62.4445	24.2833	62.3380	24.5556	62.2302	24.8273
68	63.4835	24.3690	63.3765	24.6458	63.2684	24.9221	63.1590	25.1979
69	64.4170	24.7274	64.3085	25.0082	64.1988	25.2886	64.0879	25.5685
70	65.3506	25.0858	65.2406	25.3707	65.1292	25.6551	65.0167	25.9390
71	66.2842	25.4441	66.1726	25.7331	66.0596	26.0216	65.9455	26.3096
72	67.2178	25.8025	67.1046	26.0955	66.9901	26.3881	66.8743	26.6801
73	68.1514	26.1609	68.0366	26.4580	67.9205	26.7546	67.8031	27.0507
74	69.0849	26.5192	68.9686	26.8204	68.8509	27.1211	68.7319	27.4212
75	70.0185	26.8776	69.9006	27.1829	69.7813	27.4876	69.6607	27.7918
76	70.9521	27.2360	70.8326	27.5453	70.7117	27.8541	70.5895	28.1624
77	71.8857	27.5943	71.7646	27.9077	71.6421	28.2206	71.5183	28.5329
78	72.8193	27.9527	72.6966	28.2702	72.5726	28.5871	72.4471	28.9035
79	73.7529	28.3111	73.6286	28.6326	73.5030	28.9536	73.3760	29.2740
80	74.6864	28.6694	74.5606	28.9950	74.4334	29.3201	74.3048	29.6446
81	75.6200	29.0278	75.4926	29.3575	75.3638	29.6866	75.2336	30.0151
82	76.5536	29.3862	76.4246	29.7199	76.2942	30.0531	76.1624	30.3857
83	77.4872	29.7445	77.3567	30.0824	77.2247	30.4196	77.0912	30.7563
84	78.4208	30.1029	78.2887	30.4448	78.1551	30.7861	78.0200	31.1268
85	79.3543	30.4613	79.2207	30.8072	79.0855	31.1526	78.9488	31.4974
86	80.2879	30.8196	80.1527	31.1697	80.0159	31.5191	79.8776	31.8679
87	81.2215	31.1780	81.0847	31.5321	80.9463	31.8856	80.8064	32.2385
88	82.1551	31.5364	82.0167	31.8945	81.8767	32.2521	81.7352	32.6091
89	83.0887	31.8947	82.9487	32.2570	82.8072	32.6186	82.6640	32.9796
90	84.0222	32.2531	83.8807	32.6194	83.7376	32.9851	83.5929	33.3502
91	84.9558	32.6115	84.8127	32.9819	84.6680	33.3516	84.5217	33.7207
92	85.8894	32.9698	85.7447	33.3443	85.5984	33.7181	85.4505	34.0913
93	86.8230	33.3282	86.6767	33.7067	86.5288	34.0846	86.3793	34.4618
94	87.7566	33.6866	87.6087	34.0692	87.4592	34.4511	87.3081	34.8324
95	88.6901	34.0450	88.5408	34.4316	88.3897	34.8176	88.2369	35.2030
96	89.6237	34.4033	89.4728	34.7940	89.3201	35.1841	89.1657	35.5735
97	90.5573	34.7617	90.4048	35.1565	90.2505	35.5506	90.0945	35.9441
98	91.4909	35.1201	91.3368	35.5189	91.1809	35.9171	91.0233	36.3146
99	92.4245	35.4784	92.2688	35.8814	92.1113	36.2836	91.9521	36.6852
100	93.3580	35.8368	93.2008	36.2438	93.0418	36.6501	92.8810	37.0557

No.	22	68	22¼	67¾	22½	67½	22¾	67¼
1	,9272	,3746	,9255	,3786	,9239	,3827	,9222	,3867
2	1.8544	,7492	1.8511	,7573	1.8478	,7654	1.8444	,7734
3	2.7816	1.1238	2.7766	1.1359	2.7716	1.1481	2.7666	1.1601
4	3.7087	1.4984	3.7022	1.5146	3.6955	1.5307	3.6888	1.5468
5	4.6359	1.8730	4.6277	1.8932	4.6194	1.9134	4.6110	1.9336
6	5.5631	2.2476	5.5532	2.2719	5.5433	2.2961	5.5332	2.3203
7	6.4903	2.6222	6.4788	2.6505	6.4672	2.6788	6.4554	2.7070
8	7.4175	2.9969	7.4043	3.0292	7.3910	3.0615	7.3776	3.0937
9	8.3447	3.3715	8.3299	3.4078	8.3149	3.4442	8.2998	3.4804
10	9.2718	3.7461	9.2554	3.7865	9.2388	3.8268	9.2220	3.8671
11	10.1990	4.1207	10.1809	4.1651	10.1627	4.2095	10.1442	4.2538
12	11.1262	4.4953	11.1065	4.5438	11.0866	4.5922	11.0664	4.6405
13	12.0534	4.8699	12.0320	4.9224	12.0104	4.9749	11.9886	5.0272
14	12.9806	5.2445	12.9576	5.3011	12.9343	5.3576	12.9108	5.4140
15	13.9078	5.6191	13.8831	5.6797	13.8582	5.7403	13.8330	5.8007
16	14.8349	5.9937	14.8086	6.0584	14.7821	6.1229	14.7552	6.1874
17	15.7621	6.3683	15.7342	6.4370	15.7060	6.5056	15.6774	6.5741
18	16.6893	6.7429	16.6597	6.8157	16.6298	6.8883	16.5996	6.9608
19	17.6165	7.1175	17.5853	7.1943	17.5537	7.2710	17.5218	7.3475
20	18.5437	7.4921	18.5108	7.5730	18.4776	7.6536	18.4440	7.7342
21	19.4709	7.8667	19.4364	7.9516	19.4015	8.0364	19.3662	8.1209
22	20.3980	8.2413	20.3619	8.3303	20.3253	8.4190	20.2884	8.5076
23	21.3252	8.6160	21.2874	8.7089	21.2492	8.8017	21.2106	8.8944
24	22.2524	8.9906	22.2130	9.0876	22.1731	9.1844	22.1328	9.2811
25	23.1796	9.3652	23.1385	9.4662	23.0970	9.5671	23.0550	9.6678
26	24.1068	9.7398	24.0641	9.8449	24.0209	9.9498	23.9772	10.0545
27	25.0340	10.1144	24.9896	10.2235	24.9447	10.3325	24.8994	10.4412
28	25.9611	10.4890	25.9151	10.6022	25.8686	10.7151	25.8216	10.8279
29	26.8883	10.8636	26.8407	10.9808	26.7925	11.0978	26.7438	11.2146
30	27.8155	11.2382	27.7662	11.3595	27.7164	11.4805	27.6660	11.6013
31	28.7427	11.6128	28.6918	11.7381	28.6403	11.8632	28.5882	11.9880
32	29.6699	11.9874	29.6173	12.1168	29.5641	12.2459	29.5104	12.3748
33	30.5971	12.3620	30.5428	12.4954	30.4880	12.6286	30.4326	12.7615
34	31.5243	12.7366	31.4684	12.8741	31.4119	13.0112	31.3548	13.1482
35	32.4514	13.1112	32.3939	13.2527	32.3358	13.3939	32.2770	13.5349
36	33.3786	13.4858	33.3195	13.6313	33.2597	13.7766	33.1992	13.9216
37	34.3058	13.8604	34.2450	14.0100	34.1835	14.1593	34.1214	14 3083
38	35.2330	14.2351	35.1705	14.3886	35.1074	14.5420	35.0436	14.6950
39	36.1602	14.6097	36.0961	14.7673	36.0313	14.9247	35.9658	15.0817
40	37.0874	14.9843	37.0216	15.1459	36.9552	15.3073	36.8880	15.4684
41	38.0145	15.3589	37.9472	15.5246	37.8791	15.6900	37.8102	15.8552
42	38.9417	15.7335	38.8727	15.9032	38.8029	16.0727	38.7324	16.2419
43	39.8689	16.1081	39.7982	16.2819	39.7268	16 4554	39.6546	16.6286
44	40.7961	16.4827	40.7238	16.6605	40.6507	16.8381	40.5768	17.0153
45	41.7233	16.8573	41.6493	17.0392	41.5746	17.2208	41.4990	17.4020
46	42.6505	17 2319	42.5749	17.4178	42.4985	17.6034	42.4212	17.7887
47	43.5776	17.6065	43.5004	17.7965	43.4223	17.9861	43.3434	18.1754
48	44.5048	17.9811	44.4259	18.1751	44.3462	18.3688	44.2656	18.5621
49	45.4320	18.3557	45.3515	18.5538	45.2701	18.7515	45.1878	18.9488
50	46.3592	18.7303	46.2770	18.9324	46.1940	19.1342	46.1100	19.3356

No.	22	68	22¼	67¾	22½	67½	22¾	67¼
51	47.2864	19.1049	47.2026	19.3111	47.1179	19.5169	47.0322	19.7223
52	48.2136	19.4795	48.1281	19.6897	48.0417	19.8995	47.9544	20.1090
53	49.1407	19.8541	49.0536	20.0684	48.9656	20.2822	48.8766	20.4957
54	50.0679	20.2288	49.9792	20.4470	49.8895	20.6649	49.7988	20.8824
55	50.9951	20.6034	50.9047	20.8257	50.8134	21.0476	50.7210	21.2691
56	51.9223	20.9780	51.8303	21.2043	51.7373	21.4303	51.6433	21.6558
57	52.8495	21.3526	52.7558	21.5830	52.6611	21.8130	52.5655	22.0425
58	53.7767	21.7272	53.6814	21.9616	53.5850	22.1956	53.4877	22.4292
59	54.7039	22.1018	54.6069	22.3403	54.5089	22.5783	54.4099	22.8159
60	55.6310	22.4764	55.5324	22.7189	55.4328	22.9610	55.3321	23.2027
61	56.5582	22.8510	56.4580	23.0976	56.3566	23.3437	56.2543	23.5894
62	57.4854	23.2256	57.3825	23.4762	57.2805	23.7264	57.1765	23.9761
63	58.4126	23.6002	58.3091	23.8549	58.2044	24.1091	58.0987	24.3628
64	59.3398	23.9748	59.2346	24.2335	59.1283	24.4917	59.0209	24.7495
65	60.2670	24.3494	60.1601	24.6122	60.0522	24.8744	59.9431	25.1362
66	61.1941	24.7240	61.0857	24.9908	60.9760	25.2571	60.8653	25.5229
67	62.1213	25.0986	62.0112	25.3695	61.8999	25.6398	61.7875	25.9096
68	63.0485	25.4732	62.9368	25.7481	62.8238	26.0225	62.7097	26.2963
69	63.9757	25.8479	63.8623	26.1268	63.7477	26.4052	63.6319	26.6831
70	64.9029	26.2225	64.7878	26.5054	64.6716	26.7878	64.5541	27.0698
71	65.8301	26.5971	65.7134	26.8841	65.5954	27.1705	65.4763	27.4565
72	66.7572	26.9717	66.6389	27.2627	66.5193	27.5532	66.3985	27.8432
73	67.6844	27.3463	67.5645	27.6413	67.4432	27.9359	67.3207	28.2299
74	68.6116	27.7209	68.4900	28.0200	68.3671	28.3186	68.2429	28.6166
75	69.5388	28.0955	69.4155	28.3986	69.2910	28.7013	69.1651	29.0033
76	70.4660	28.4701	70.3411	28.7773	70.2148	29.0839	70.0873	29.3900
77	71.3932	28.8447	71.2666	29.1559	71.1387	29.4666	71.0095	29.7767
78	72.3203	29.2193	72.1922	29.5346	72.0626	29.8493	71.9317	30.1635
79	73.2475	29.5939	73.1177	29.9132	72.9865	30.2320	72.8539	30.5502
80	74.1747	29.9685	74.0432	30.2919	73.9104	30.6147	73.7761	30.9369
81	75.1019	30.3431	74.9688	30.6705	74.8342	30.9974	74.6983	31.3236
82	76.0291	30.7177	75.8943	31.0492	75.7581	31.3800	75.6205	31.7103
83	76.9563	31.0923	76.8199	31.4278	76.6820	31.7627	76.5427	32.0970
84	77.8834	31.4670	77.7454	31.8065	77.6059	32.1454	77.4649	32.4837
85	78.8106	31.8416	78.6709	32.1851	78.5298	32.5281	78.3871	32.8704
86	79.7378	32.2162	79.5965	32.5638	79.4536	32.9108	79.3093	33.2571
87	80.6650	32.5908	80.5220	32.9424	80.3775	33.2935	80.2315	33.6439
88	81.5922	32.9654	81.4476	33.3211	81.3014	33.6761	81.1537	34.0306
89	82.5194	33.3400	82.3731	33.6997	82.2253	34.0588	82.0759	34.4173
90	83.4466	33.7146	83.2986	34.0784	83.1492	34.4415	82.9981	34.8040
91	84.3737	34.0892	84.2242	34.4570	84.0730	34.8242	83.9203	35.1907
92	85.3009	34.4638	85.1497	34.8357	84.9969	35.2069	84.8425	35.5774
93	86.2281	24.8384	86.0753	35.2143	85.9208	35.5896	85.7647	35.9641
94	87.1553	35.2130	87.0008	35.5930	86.8447	35.9722	86.6869	36.3508
95	88.0825	35.5876	87.9263	35.9716	87.7686	36.3549	87.6091	36.7375
96	89.0097	35.9622	88.8519	36.3503	88.6924	36.7376	88.5313	37.1243
97	89.9368	36.3368	89.7774	36.7289	89.6163	37.1203	89.4535	37.5110
98	90.8640	36.7114	90.7030	37.1076	90.5402	37.5030	90.3757	37.8977
99	91.7912	37.0861	91.6285	37.4862	91.4641	37.8857	91.2979	38.2844
100	92.7184	37.4607	92.5541	37.8649	92.3880	38.2683	92.2201	38.6711

No	23	67	23¼	66¾	23½	66½	23¾	66¼
1	,9205	,3907	,9188	,3947	,9171	,3987	,9153	,4027
2	1.8410	,7815	1.8376	,7895	1.8341	,7975	1.8306	,8055
3	2.7615	1.1722	2.7564	1.1842	2.7512	1.1962	2.7459	1.2082
4	3.6820	1.5629	3.6752	1.5790	3.6682	1.5950	3.6612	1.6110
5	4.6025	1.9537	4.5940	1.9737	4.5853	1.9937	4.5766	2.0137
6	5.5230	2.3444	5.5127	2.3685	5.5024	2.3925	5.4919	2.4165
7	6.4435	2.7351	6.4315	2.7632	6.4194	2.7912	6.4072	2.8192
8	7.3640	3.1258	7.3503	3.1580	7.3365	3.1900	7.3225	3.2220
9	8.2845	3.5166	8.2691	3.5527	8.2535	3.5887	8.2378	3.6247
10	9.2050	3.9073	9.1879	3.9474	9.1706	3.9875	9.1531	4.0275
11	10.1256	4.2980	10.1067	4.3422	10.0877	4.3862	10.0684	4.4302
12	11.0461	4.6888	11.0255	4.7369	11.0047	4.7850	10.9837	4.8330
13	11.9666	5.0795	11.9443	5.1317	11.9218	5.1837	11.8990	5.2357
14	12.8871	5.4702	12.8631	5.5264	12.8388	5.5825	12.8144	5.6385
15	13.8076	5.8610	13.7819	5.9212	13.7559	5.9812	13.7297	6.0412
16	14.7281	6.2517	14.7007	6.3159	14.6730	6.3800	14.6450	6.4439
17	15.6486	6.6424	15.6195	6.7106	15.5900	6.7787	15.5603	6.8467
18	16.5691	7.0332	16.5382	7.1054	16.5071	7.1775	16.4756	7.2494
19	17.4896	7.4239	17.4570	7.5001	17.4241	7.5762	17.3909	7.6522
20	18.4101	7.8146	18.3758	7.8949	18.3412	7.9750	18.3062	8.0549
21	19.3306	8.2054	19.2946	8.2896	19.2583	8.3737	19.2215	8.4577
22	20.2511	8.5961	20.2134	8.6844	20.1753	8.7725	20.1369	8.8604
23	21.1716	8.9868	21.1322	9.0791	21.0924	9.1712	21.0522	9 2632
24	22.0921	9.3775	22.0510	9.4739	22.0094	9.5700	21.9675	9.6659
25	23.0126	9.7683	22.9698	9.8686	22.9265	9.9687	22.8828	10.0687
26	23.9331	10.1590	23.8886	10.2633	23.8436	10.3675	23.7981	10.4714
27	24.8536	10.5497	24.8074	10.6581	24.7606	10.7662	24.7134	10.8742
28	25.7741	10 9405	25.7262	11.0528	25.6777	11.1650	25.6287	11.2769
29	26.6946	11.3312	26.6449	11.4476	26.5947	11.5637	26.5440	11.6797
30	27.6151	11.7219	27.5637	11.8423	27.5118	11.9625	27.4593	12.0824
31	28.5357	12.1127	28.4825	12.2371	28.4289	12.3612	28.3747	12.4851
32	29.4562	12.5034	29.4013	12.6318	29.3459	12.7600	29.2900	12.8879
33	30.3767	12.8941	30.3201	13.0265	30.2630	13.1587	30.2053	13.2906
34	31.2972	13.2849	31.2389	13.4213	31.1800	13.5575	31.1206	13.6934
35	32.2177	13.6756	32.1577	13.8160	32.0971	13.9562	32.0359	14.0961
36	33.1382	14.0663	33.0765	14.2108	33.0142	14.3550	32.9512	14.4989
37	34.0587	14.4571	33.9953	14.6055	33.9312	14.7537	33.8665	14.9016
38	34.9792	14.8478	34.9141	15.0003	34.8483	15.1525	34.7818	15.3044
39	35.8997	15.2385	35.8329	15.3950	35.7653	15.5512	35.6971	15.7071
40	36.8202	15.6292	36.7516	15.7898	36.6824	15.9500	36.6125	16.1099
41	37.7407	16.0200	37.6704	16.1845	37.5995	16.3487	37.5278	16.5126
42	38.6612	16.4107	38.5892	16.5792	38.5165	16.7475	38.4431	16.9154
43	39.5817	16.8014	39.5080	16.9740	39.4336	17.1462	39.3584	17.3181
44	40.5022	17.1922	40.4268	17.3687	40.3506	17.5450	40.2737	17.7209
45	41.4227	17.5829	41.3456	17.7635	41.2677	17.9437	41.1890	18.1236
46	42.3432	17.9736	42.2644	18.1582	42.1848	18.3425	42.1043	18.5263
47	43.2637	18.3644	43.1832	18.5530	43.1018	18.7412	43.0196	18.9291
48	44.1842	18.7551	44.1020	18.9477	44.0189	19.1400	43.9350	19.3318
49	45.1047	19.1458	45.0208	19.3425	44.9359	19.5387	44.8503	19.7346
50	46.0252	19.5366	45.9396	19.7372	45.8530	19.9375	45.7656	20.1373

No.	23	67	23¼	66¾	23½	66½	23¾	66¼
51	46.9457	19.9273	46.8584	20.1319	46.7701	20.3362	46.6809	20.5401
52	47.8663	20.3180	47.7771	20.5267	47.6871	20.7350	47.5962	20.9428
53	48.7868	20.7087	48.6959	20.9214	48.6042	21.1337	48.5115	21.3456
54	49.7073	21.0995	49.6147	21.3162	49.5212	21.5325	49.4268	21.7483
55	50.6278	21.4902	50.5335	21.7109	50.4383	21.9312	50.3421	22.1511
56	51.5483	21.8809	51.4523	22.1057	51.3554	22.3299	51.2574	22.5538
57	52.4688	22.2717	52.3711	22.5004	52.2724	22.7287	52.1728	22.9566
58	53.3893	22.6624	53.2899	22.8951	53.1895	23.1274	53.0881	23.3593
59	54.3098	23.0531	54.2087	23.2899	54.1065	23.5262	54.0034	23.7621
60	55.2303	23.4439	55.1275	23.6846	55.0236	23.9249	54.9187	24.1648
61	56.1508	23.8346	56.0463	24.0794	55.9407	24.3237	55.8340	24.5675
62	57.0713	24.2253	56.9651	24.4741	56.8577	24.7224	56.7493	24.9703
63	57.9918	24.6161	57.8838	24.8689	57.7748	25.1212	57.6646	25.3730
64	58.9123	25.0068	58.8026	25.2636	58.6918	25.5199	58.5799	25.7758
65	59.8328	25.3975	59.7214	25.6584	59.6089	25.9187	59.4952	26.1785
66	60.7533	25.7883	60.6402	26.0531	60.5260	26.3174	60.4106	26.5813
67	61.6738	26.1790	61.5590	26.4478	61.4430	26.7162	61.3259	26.9840
68	62.5943	26.5697	62.4778	26.8426	62.3601	27.1149	62.2412	27.3868
69	63.5148	26.9604	63.3966	27.2373	63.2771	27.5137	63.1565	27.7895
70	64.4353	27.3512	64.3154	27.6321	64.1942	27.9124	64.0718	28.1923
71	65.3558	27.7419	65.2342	28.0268	65.1113	28.3112	64.9871	28.5950
72	66.2764	28.1326	66.1530	28.4216	66.0283	28.7099	65.9024	28.9978
73	67.1969	28.5234	67.0718	28.8163	66.9454	29.1087	66.8177	29.4005
74	68.1174	28.9141	67.9905	29.2110	67.8624	29.5074	67.7331	29.8033
75	69.0379	29.3048	68.9093	29.6058	68.7795	29.9062	68.6484	30.2060
76	69.9584	29.6956	69.8281	30.0005	69.6966	30.3049	69.5637	30.6087
77	70.8789	30.0863	70.7469	30.3953	70.6136	30.7037	70.4790	31.0115
78	71.7994	30.4770	71.6657	30.7900	71.5307	31.1024	71.3943	31.4142
79	72.7199	30.8678	72.5845	31.1848	72.4477	31.5012	72.3096	31.8170
80	73.6404	31.2585	73.5033	31.5795	73.3648	31.8999	73.2249	32.2197
81	74.5609	31.6492	74.4221	31.9743	74.2819	32.2987	74.1402	32.6225
82	75.4814	32.0400	75.3409	32.3690	75.1989	32.6974	75.0555	33.0252
83	76.4019	32.4307	76.2597	32.7637	76.1160	33.0962	75.9709	33.4780
84	77.3224	32.8214	77.1785	33.1585	77.0330	33.4949	76.8862	33.8307
85	78.2429	33.2121	78.0973	33.5532	77.9501	33.8937	77.8015	34.2335
86	79.1634	33.6029	79.0160	33.9480	78.8672	34.2924	78.7168	34.6362
87	80.0839	33.9936	79.9348	34.3427	79.7842	34.6912	79.6321	35.0390
88	81.0044	34.3843	80.8536	34.7375	80.7013	35.0899	80.5474	35.4417
89	81.9249	34.7751	81.7724	35.1322	81.6183	35.4887	81.4627	35.8445
90	82.8454	35.1658	82.6912	35.5270	82.5354	35.8874	82.3780	36.2472
91	83.7659	35.5565	83.6100	35.9217	83.4525	36.2862	83.2933	36.6499
92	84.6865	35.9473	84.5288	36.3164	84.3695	36.6849	84.2087	37.0527
93	85.6070	36.3380	85.4476	36.7112	85.2866	37.0837	85.1240	37.4554
94	86.5275	36.7287	86.3664	37.1059	86.2036	37.4824	86.0393	37.8582
95	87.4480	37.1195	87.2852	37.5007	87.1207	37.8812	86.9546	38.2600
96	88.3685	37.5102	88.2040	37.8954	88.0378	38.2799	87.8699	38.6637
97	89.2890	37.9009	89.1227	38.2902	88.9548	38.6787	88.7852	39.0664
98	90.2095	38.2916	90.0415	38.6849	89.8719	39.0774	89.7005	39.4692
99	91.1300	38.6824	90.9603	39.0796	90.7889	39.4762	90.6158	39.8719
100	92.0505	39.0731	91.8791	39.4744	91.7060	39.8749	91.5312	40.2747

No.	24	66	24¼	65¾	24½	65½	24¾	65¼
1	,9135	,4067	,9118	,4107	,9100	,4147	,9081	,4187
2	1.8271	,8135	1.8235	,8214	1.8199	,8294	1.8163	,8373
3	2.7406	1.2202	2.7353	1.2322	2.7299	1.2441	2.7244	1.2560
4	3.6542	1.6269	3.6470	1.6429	3.6398	1.6588	3.6326	1.6746
5	4.5677	2.0337	4.5588	2.0536	4.5498	2.0735	4.5407	2.0933
6	5.4813	2.4404	5.4706	2.4643	5.4598	2.4882	5.4489	2.5120
7	6.3948	2.8472	6.3823	2.8750	6.3697	2.9029	6.3570	2.9306
8	7.3084	3.2539	7.2941	3.2858	7.2797	3.3175	7.2651	3.3493
9	8.2219	3.6606	8.2059	3.6965	8.1897	3.7322	8.1733	3.7679
10	9.1355	4.0674	9.1176	4.1072	9.0996	4.1469	9.0814	4.1866
11	10.0490	4.4741	10.0294	4.5179	10.0096	4.5616	9.9896	4.6053
12	10.9625	4.8808	10.9411	4.9286	10.9195	4.9763	10.8977	5.0239
13	11.8761	5.2876	11.8529	5.3393	11.8295	5.3910	11.8059	5.4426
14	12.7896	5.6943	12.7647	5.7501	12.7395	5.8057	12.7140	5.8612
15	13.7032	6.1010	13.6764	6.1608	13.6494	6.2204	13.6221	6.2799
16	14.6167	6.5078	14.5882	6.5715	14.5594	6.6351	14.5303	6.6986
17	15.5303	6.9145	15.5000	6.9822	15.4693	7.0498	15.4384	7.1172
18	16.4438	7.3213	16.4117	7.3929	16.3793	7.4645	16.3466	7.5359
19	17.3574	7.7280	17.3235	7.8037	17.2893	7.8792	17.2547	7.9545
20	18.2709	8.1347	18.2352	8.2144	18.1992	8.2939	18.1629	8.3732
21	19.1845	8.5415	19.1470	8.6251	19.1092	8.7086	19.0710	8.7919
22	20.0980	8.9482	20.0588	9.0358	20.0191	9.1233	19.9792	9.2105
23	21.0115	9.3549	20.9705	9.4465	20.9291	9.5379	20.8873	9.6292
24	21.9251	9.7617	21.8823	9.8573	21.8391	9.9526	21.7954	10.0478
25	22.8386	10.1684	22.7941	10.2680	22.7490	10.3673	22.7036	10.4665
26	23.7522	10.5752	23.7058	10.6787	23.6590	10.7820	23.6117	10.8852
27	24.6657	10.9819	24.6176	11.0894	24.5690	11.1967	24.5199	11.3038
28	25.5793	11.3886	25.5293	11.5001	25.4789	11.6114	25.4280	11.7225
29	26.4928	11.7954	26.4411	11.9108	26.3889	12.0261	26.3362	12.1411
30	27.4064	12.2021	27.3529	12.3216	27.2988	12.4408	27.2443	12.5598
31	28.3199	12.6088	28.2646	12.7323	28.2088	12.8555	28.1524	12.9785
32	29.2335	13.0156	29.1764	13.1430	29.1188	13.2702	29.0606	13.3971
33	30.1470	13.4223	30.0881	13.5537	30.0287	13.6849	29.9687	13.8158
34	31.0605	13.8290	30.9999	13.9644	30.9387	14.0996	30.8769	14.2344
35	31.9741	14.2358	31.9117	14.3752	31.8486	14.5143	31.7850	14.6531
36	32.8876	14.6425	32.8234	14.7859	32.7586	14.9290	32.6932	15.0717
37	33.8012	15.0493	33.7352	15.1966	33.6686	15.3436	33.6013	15.4904
38	34.7147	15.4560	34.6470	15.6073	34.5785	15.7583	34.5094	15.9091
39	35.6283	15.8627	35.5587	16.0180	35.4885	16.1730	35.4176	16.3277
40	36.5418	16.2695	36.4705	16.4288	36.3985	16.5877	36.3257	16.7464
41	37.4554	16.6762	37.3822	16.8395	37.3084	17.0024	37.2339	17.1650
42	38.3689	17.0829	38.2940	17.2502	38.2184	17.4171	38.1420	17.5837
43	39.2825	17.4897	39.2058	17.6609	39.1283	17.8318	39.0502	18.0024
44	40.1960	17.8964	40.1175	18.0716	40.0383	18.2465	39.9583	18.4210
45	41.1095	18.3031	41.0293	18.4824	40.9483	18.6612	40.8664	18.8397
46	42.0231	18.7099	41.9411	18.8931	41.8582	19.0759	41.7746	19.2583
47	42.9366	19.1166	42.8528	19.3038	42.7682	19.4906	42.6827	19.6770
48	43.8502	19.5234	43.7646	19.7145	43.6781	19.9053	43.5909	20.0957
49	44.7637	19.9301	44.6763	20.1252	44.5881	20.3200	44.4990	20.5143
50	45.6773	20.3368	45.5881	20.5359	45.4981	20.7347	45.4072	20.9330

No.	24	66	24¼	65¾	24½	65½	24¾	65¼
51	46.5908	20.7436	46.4999	20.9467	46.4080	21.1494	46.3153	21.3516
52	47.5044	21.1503	47.4116	21.3574	47.3180	21.5640	47.2234	21.7703
53	48.4179	21.5570	48.3234	21.7681	48.2279	21.9787	48.1316	22.1890
54	49.3315	21.9638	49.2351	22.1788	49.1379	22.3934	49.0397	22.6076
55	50.2450	22.3705	50.1469	22.5895	50.0479	22.8081	49.9479	23.0263
56	51.1585	22.7772	51.0587	23.0003	50.9578	23.2228	50.8561	23.4449
57	52.0721	23.1840	51.9704	23.4110	51.8678	23.6375	51.7642	23.8636
58	52.9856	23.5907	52.8822	23.8217	52.7778	24.0522	52.6723	24.2823
59	53.8992	23.9975	53.7940	24.2324	53.6877	24.4669	53.5804	24.7009
60	54.8127	24.4042	54.7057	24.6431	54.5977	24.8816	54.4886	25.1196
61	55.7263	24.8109	55.6175	25.0539	55.5076	25.2963	55.3967	25.5382
62	56.6398	25.2177	56.5292	25.4646	56.4176	25.7110	56.3049	25.9569
63	57.5534	25.6244	57.4410	25.8753	57.3276	26.1257	57.2130	26.3756
64	58.4669	26.0311	58.3528	26.2860	58.2375	26.5404	58.1212	26.7942
65	59.3805	26.4379	59.2645	26.6967	59.1475	26.9551	59.0293	27.2129
66	60.2940	26.8446	60.1763	27.1074	60.0574	27.3698	59.9375	27.6315
67	61.2075	27.2514	61.0881	27.5182	60.9674	27.7844	60.8456	28.0502
68	62.1211	27.6581	61.9998	27.9289	61.8774	28.1991	61.7537	28.4689
69	63.0346	28.0648	62.9116	28.3396	62.7873	28.6138	62.6619	28.8875
70	63.9482	28.4716	63.8233	28.7503	63.6973	29.0285	63.5700	29.3062
71	64.8617	28.8783	64.7351	29.1610	64.6073	29.4432	64.4782	29.7248
72	65.7753	29.2850	65.6469	29.5718	65.5172	29.8579	65.3863	30.1435
73	66.6888	29.6918	66.5586	29.9825	66.4272	30.2726	66.2945	30.5622
74	67.6024	30.0985	67.4704	30.3932	67.3371	30.6873	67.2026	30.9808
75	68.5159	30.5052	68.3822	30.8039	68.2471	31.1020	68.1107	31.3995
76	69.4295	30.9120	69.2939	31.2146	69.1571	31.5167	69.0189	31.8181
77	70.3430	31.3187	70.2057	31.6254	70.0670	31.9314	69.9270	32.2368
78	71.2565	31.7255	71.1174	32.0361	70.9770	32.3461	70.8352	32.6555
79	72.1701	32.1322	72.0292	32.4468	71.8869	32.7608	71.7433	33.0741
80	73.0836	32.5389	72.9410	32.8575	72.7969	33.1755	72.6515	33.4928
81	73.9972	32.9457	73.8527	33.2682	73.7069	33.5901	73.5596	33.9114
82	74.9107	33.3524	74.7645	33.6789	74.6168	34.0048	74.4677	34.3301
83	75.8243	33.7591	75.6762	34.0897	75.5268	34.4195	75.3759	34.7488
84	76.7378	34.1659	76.5880	34.5004	76.4367	34.8342	76.2840	35.1674
85	77.6514	34.5726	77.4998	34.9111	77.3467	35.2489	77.1922	35.5861
86	78.5649	34.9793	78.4115	35.3218	78.2567	35.6636	78.1003	36.0047
87	79.4784	35.3861	79.3233	35.7325	79.1666	36.0783	79.0085	36.4234
88	80.3920	35.7928	80.2351	36.1433	80.0766	36.4930	79.9166	36.8421
89	81.3055	36.1996	81.1468	36.5540	80.9866	36.9077	80.8247	37.2607
90	82.2191	36.6063	82.0586	36.9647	81.8965	37.3224	81.7329	37.6794
91	83.1326	37.0130	82.9703	37.3754	82.8065	37.7371	82.6410	38.0980
92	84.0462	37.4198	83.8821	37.7861	83.7164	38.1518	83.5492	38.5167
93	84.9597	37.8265	84.7939	38.1969	84.6264	38.5665	84.4573	38.9354
94	85.8733	38.2332	85.7056	38.6076	85.5364	38.9812	85.3655	39.3540
95	86.7868	38.6400	86.6174	39.0183	86.4463	39.3959	86.2736	39.7727
96	87.7004	39.0467	87.5292	39.4290	87.3563	39.8105	87.1817	40.1913
97	88.6139	39.4535	88.4409	39.8397	88.2662	40.2252	88.0899	40.6100
98	89.5274	39.8602	89.3527	40.2505	89.1762	40.6399	88.9980	41.0287
99	90.4410	40.2669	90.2644	40.6612	90.0862	41.0546	89.9062	41.4473
100	91.3545	40.6737	91.1762	41.0719	90.9961	41.4693	90.8143	41.8660

No	25	65	25¼	64¾	25½	64½	25¾	64¼
1	,9063	,4226	,9045	,4266	,9026	,4305	,9007	,4344
2	1.8126	,8452	1.8089	,8531	1.8052	,8610	1.8014	,8689
3	2.7189	1.2679	2.7134	1.2797	2.7078	1.2915	2.7021	1.3033
4	3.6252	1.6905	3.6178	1.7063	3.6103	1.7220	3.6028	1.7378
5	4.5315	2.1131	4.5223	2.1328	4.5129	2.1526	4.5035	2.1722
6	5.4378	2.5357	5.4267	2.5594	5.4155	2.5831	5.4042	2.6067
7	6.3442	2.9583	6.3312	2.9860	6.3181	3.0136	6.3049	3.0411
8	7.2505	3.3809	7.2356	3.4125	7.2207	3.4441	7.2056	3.4756
9	8.1568	3.8036	8.1401	3.8391	8.1233	3.8746	8.1063	3.9100
10	9.0631	4.2262	9.0446	4.2657	9.0259	4.3051	9.0070	4.3445
11	9.9694	4.6488	9.9490	4.6923	9.9284	4.7356	9.9077	4.7789
12	10.8757	5.0714	10.8535	5.1188	10.8310	5.1661	10.8084	5.2133
13	11.7820	5.4940	11.7579	5.5454	11.7336	5.5966	11.7091	5.6478
14	12.6883	5.9167	12.6624	5.9720	12.6362	6.0272	12.6098	6.0822
15	13.5946	6.3393	13.5668	6.3985	13.5388	6.4577	13.5105	6.5167
16	14.5009	6.7619	14.4713	6.8251	14.4414	6.8882	14.4112	6.9511
17	15.4072	7.1845	15.3757	7.2517	15.3440	7.3187	15.3119	7.3856
18	16.3135	7.6071	16.2802	7.6782	16.2465	7.7492	16.2126	7.8200
19	17.2198	8.0297	17.1846	8.1048	17.1491	8.1797	17.1133	8.2545
20	18.1262	8.4524	18.0891	8.5314	18.0517	8.6102	18.0140	8.6889
21	19.0325	8 8750	18.9936	8.9579	18 9543	9.0407	18.9147	9 1234
22	19.9388	9.2976	19.8980	9.3845	19.8569	9.4712	19.8154	9.5578
23	20.8451	9 7202	20.8025	9.8111	20.7595	9.9018	20.7161	9.9922
24	21.7514	10.1428	21.7069	10.2376	21.6620	10.3323	21.6168	10.4267
25	22.6577	10.5655	22.6114	10.6642	22.5646	10.7628	22.5175	10.8611
26	23.5640	10.9881	23.5158	11.0908	23.4672	11.1933	23.4182	11.2956
27	24.4703	11.4107	24.4203	11.5174	24.3698	11.6238	24.3189	11.7300
28	25.3766	11.8333	25.3247	11.9439	25.2724	12.0543	25.2195	12.1645
29	26.2829	12.2559	26.2292	12.3705	26.1750	12.4848	26.1202	12.5989
30	27.1892	12.6785	27.1337	12.7971	27.0776	12.9153	27.0209	13.0334
31	28.0955	13.1012	28.0381	13.2236	27.9801	13.3458	27.9216	13.4678
32	29.0018	13.5238	28.9426	13.6502	28.8827	13.7764	28.8223	13 9022
33	29.9082	13.9464	29.8470	14.0768	29.7853	14.2069	29.7230	14.3367
34	30.8145	14.3690	30.7515	14.5033	30.6879	14.6374	30.6237	14.7711
35	31.7208	14.7916	31.6559	14.9299	31.5905	15.0679	31.5244	15.2056
36	32.6271	15.2143	32.5604	15.3565	32.4931	15.4984	32.4251	15.6400
37	33.5334	15.6369	33.4648	15.7830	33.3957	15.9289	33.3258	16.0745
38	34.4397	16.0595	34.3693	16.2096	34.2982	16.3594	34.2265	16.5089
39	35.3460	16.4821	35.2737	16.6362	35.2008	16.7899	35.1272	16.9434
40	36.2523	16.9047	36.1782	17.0627	36.1034	17.2204	36.0279	17.3778
41	37.1586	17.3274	37.0827	17.4893	37.0060	17.6510	36.9286	17.8123
42	38.0649	17.7500	37.9871	17.9159	37.9086	18.0815	37.8293	18.2467
43	38.9712	18.1726	38.8916	18.3425	38.8112	18.5120	38.7300	18.6811
44	39.8775	18.5952	39.7960	18.7690	39.7138	18.9425	39.6307	19.1156
45	40.7839	19.0178	40.7005	19.1956	40.6163	19.3730	40.5314	19.5500
46	41.6902	19.4404	41.6049	19.6222	41.5189	19.8035	41.4321	19.9845
47	42.5965	19.8631	42.5094	20.0487	42.4215	20.2340	42.3328	20.4189
48	43.5028	20.2857	43.4138	20.4753	43.3241	20.6645	43.2335	20.8534
49	44.4091	20.7083	44.3183	20.9019	44.2267	21.0950	44.1342	21.2878
50	45.3154	21.1309	45.2228	21.3284	45.1293	21.5256	45.0349	21.7223

No.	25	65	25¼	64¾	25½	64½	25¾	64¼
51	46.2217	21.5535	46.1272	21.7550	46.0319	21.9561	45.9356	22.1567
52	47.1280	21.9762	47.0317	22.1816	46.9344	22.3866	46.8363	22.5912
53	48.0343	22.3988	47.9361	22.6081	47.8370	22.8171	47.7370	23.0256
54	48.9406	22.8214	48.8406	23.0347	48.7396	23.2476	48.6377	23.4600
55	49.8469	23.2440	49.7450	23.4613	49.6422	23.6781	49.5384	23.8945
56	50.7532	23.6666	50.6495	23.8878	50.5448	24.1086	50.4391	24.3289
57	51.6595	24.0892	51.5539	24.3144	51.4474	24.5391	51.3398	24.7634
58	52.5659	24.5119	52.4584	14.7410	52.3499	24.9696	52.2405	25.1978
59	53.4722	24.9345	53.3629	25.1676	53.2525	25.4002	53.1412	25.6323
60	54.3785	25.3571	54.2673	25.5941	54.1551	25.8307	54.0419	26.0667
61	55.2848	25.7797	55.1718	26.0207	55.0577	26.2612	54.9426	26.5012
62	56.1911	26.2023	56.0762	26.4473	55.9603	26.6917	55.8433	26.9356
63	57.0974	26.6250	56.9807	26.8738	56.8629	27.1222	56.7440	27.3701
64	58.0037	27.0476	57.8851	27.3004	57.7655	27.5527	57.6447	27.8045
65	58.9100	27.4702	58.7896	27.7270	58.6680	27.9832	58.5454	28.2389
66	59.8163	27.8928	59.6940	28.1535	59.5706	28.4137	59.4461	28.6734
67	60.7226	28.3154	60.5985	28.5801	60.4732	28.8442	60.3468	29.1078
68	61.6289	28.7380	61.5029	29.0067	61.3758	29.2748	61.2475	29.5423
69	62.5352	29.1607	62.4074	29.4332	62.2784	29.7053	62.1482	29.9767
70	63.4415	29.5833	63.3119	29.8598	63.1810	30.1358	63.0489	30.4112
71	64.3479	30.0059	64.2163	30.2864	64.0836	30.5663	63.9496	30.8456
72	65.2542	30.4285	65.1208	30.7129	64.9861	30.9968	64.8503	31.2801
73	66.1605	30.8511	66.0252	31.1395	65.8887	31.4273	65.7510	31.7145
74	67.0668	31.2738	66.9297	31.5661	66.7913	31.8578	66.6517	32.1490
75	67.9731	31.6964	67.8341	31.9927	67.6939	32.2883	67.5524	32.5834
76	68.8794	32.1190	68.7386	32.4192	68.5965	32.7188	68.4531	33.0178
77	69.7857	32.5416	69.6430	32.8458	69.4991	33.1494	69.3538	33.4523
78	70.6920	32.9642	70.5475	33.2724	70.4017	33.5799	70.2545	33.8867
79	71.5983	33.3868	71.4520	33.6989	71.3042	34.0104	71.1552	34.3212
80	72.5046	33.8095	72.3564	34.1255	72.2068	34.4409	72.0559	34.7556
81	73.4109	34.2321	73.2609	34.5521	73.1094	34.8714	72.9566	35.1901
82	74.3172	34.6547	74.1653	34.9786	74.0120	35.3019	73.8573	35.6245
83	75.2235	35.0773	75.0698	35.4052	74.9146	35.7324	74.7580	36.0590
84	76.1299	35.4999	75.9742	35.8318	75.8172	36.1629	75.6586	36.4934
85	77.0362	35.9226	76.8787	36.2583	76.7198	36.5934	76.5593	36.9279
86	77.9425	36.3452	77.7831	36.6849	77.6223	37.0240	77.4600	27.3623
87	78.8488	36.7678	78.6876	37.1115	78.5249	37.4545	78.3607	37.7967
88	79.7551	37.1904	79.5920	37.5380	79.4275	37.8850	79.2614	38.2312
89	80.6614	37.6130	80.4965	37.9646	80.3301	38.3155	80.1621	38.6656
90	81.5677	38.0356	81.4010	38.3912	81.2327	38.7460	81.0628	39.1001
91	82.4740	38.4583	82.3054	38.8178	82.1353	39.1765	81.9635	39.5345
92	83.3803	38.8809	83.2099	39.2443	83.0378	39.6070	82.8642	39.9690
93	84.2866	39.3035	84.1143	39.6709	83.9404	40.0375	83.7649	40.4034
94	85.1929	39.7261	85.0188	40.0975	84.8430	40.4680	84.6656	40.8379
95	86.0992	40.1487	85.9232	40.5240	85.7456	40.8986	85.5663	41.2723
96	87.0055	40.5714	86.8277	40.9506	86.6482	41.3291	86.4670	41.7067
97	87.9119	40.9940	87.7321	41.3772	87.5508	41.7596	87.3677	42.1412
98	88.8182	41.4166	88.6366	41.8037	88.4534	42.1901	88.2684	42.5756
99	89.7245	41.8392	89.5411	42.2303	89.3559	42.6206	89.1691	43.0101
100	90.6308	42.2618	90.4455	42.6569	90.2585	43.0511	90.0698	43.4445

No.	26	64	26¼	63¾	26½	63½	26¾	63¼
1	,8988	,4384	,8969	,4423	,8949	,4462	,8930	,4501
2	1.7976	.8767	1.7937	,8846	1.7899	,8924	1.7860	,9002
3	2.6964	1.3151	2.6906	1.3269	2.6848	1.3386	2.6789	1.3503
4	3.5952	1.7535	3.5875	1.7692	3.5797	1.7848	3.5719	1.8004
5	4.4940	2.1919	4.4844	2.2114	4.4747	2.2310	4.4649	2.2505
6	5.3928	2.6302	5.3812	2.6537	5.3696	2.6772	5.3579	2.7006
7	6.2916	3.0686	6.2781	3.0960	6.2645	3.1234	6.2509	3.1507
8	7.1904	3.5070	7.1750	3.5383	7.1595	3.5696	7.1438	3.6008
9	8.0891	3.9453	8.0719	3.9806	8.0544	4.0158	8.0368	4.0509
10	8.9879	4.3837	8.9687	4.4229	8.9493	4.4620	8.9298	4.5010
11	9.8867	4.8221	9.8656	4.8652	9.8443	4.9082	9.8228	4.9511
12	10.7855	5.2605	10.7625	5.3075	10.7392	5.3544	10.7157	5.4012
13	11.6843	5.6988	11.6593	5.7498	11.6341	5.8006	11.6087	5.8513
14	12 5831	6.1372	12.5562	6.1920	12.5291	6.2468	12.5017	6.3014
15	13.4819	6.5756	13.4531	6.6343	13.4240	6.6930	13.3947	6.7515
16	14.3807	7.0139	14.3500	7.0766	14.3189	7.1392	14.2877	7.2016
17	15.2795	7.4523	15.2468	7.5189	15.2139	7.5854	15.1806	7.6517
18	16.1783	7.8907	16.1437	7.9612	16.1088	8.0316	16.0736	8.1018
19	17.0771	8.3291	17.0406	8.4035	17.0038	8.4778	16.9666	8.5519
20	17.9759	8.7674	17.9375	8.8458	17.8987	8.9240	17.8596	9 0020
21	18.8747	9.2058	18.8343	9.2881	18.7936	9.3702	18.7526	9.4521
22	19.7735	9.6442	19.7312	9.7304	19.6886	9.8164	19.6455	9.9022
23	20.6723	10.0825	20.6281	10.1726	20.5835	10.2625	20.5385	10.3523
24	21.5711	10.5209	21.5249	10.6149	21.4784	10.7087	21.4315	10.8024
25	22.4699	10.9593	22.4218	11.0572	22.3734	11.1549	22.3245	11.2525
26	23.3686	11.3977	23.3187	11.4995	23.2683	11.6011	23.2175	11.7026
27	24.2674	11.8360	24.2156	11.9418	24.1632	12.0473	24.1104	12.1527
28	25.1662	12.2744	25.1124	12.3841	25.0582	12.4935	25.0034	12.6028
29	26.0650	12.7128	26.0093	12.8264	25.9531	12.9397	25.8964	13.0529
30	26.9638	13.1511	26.9062	13.2687	26.8480	13.3859	26.7894	13.5030
31	27.8626	13.5895	27.8031	13.7109	27.7430	13.8321	27.6823	13.9531
32	28.7614	14 0279	28.6999	14.1532	28.6379	14.2783	28.5753	14.4032
33	29.6602	14.4662	29.5968	14.5955	29.5328	14.7245	29.4683	14.8533
34	30.5590	14.9046	30.4937	15.0378	30.4278	15.1707	30.3613	15.3033
35	31.4578	15.3430	31.3905	15.4801	31.3227	15.6169	31.2543	15.7534
36	32.3566	15.7814	32.2874	15.9224	32.2176	16.0631	32.1472	16.2035
37	33.2554	16.2197	33.1843	16.3647	33.1126	16.5093	33.0402	16.6536
38	34.1542	16.6581	34.0812	16.8070	34.0075	16.9555	33.9332	17.1037
39	35.0530	17.0965	34.9780	17.2493	34.9024	17.4017	34.8262	17.5538
40	35.9518	17.5348	35.8749	17.6915	35.7974	17.8479	35.7192	18.0039
41	36.8506	17.9732	36.7718	18.1338	36.6923	18.2941	36.6121	18.4540
42	37.7493	18.4116	37.6687	18.5761	37.5872	18.7403	37.5051	18.9041
43	38.6481	18.8500	38.5655	19.0184	38.4822	19.1865	38.3981	19.3542
44	39.5469	19.2883	39.4624	19.4607	39.3771	19.6327	39.2911	19.8043
45	40.4457	19.7267	40.3593	19.9030	40.2720	20.0789	40.1841	20.2544
46	41.3445	20.1651	41.2561	20.3453	41.1670	20.5251	41.0770	20.7045
47	42.2433	20.6034	42.1530	20.7876	42.0619	20.9713	41.9700	21.1546
48	43.1421	21.0418	43.0499	21.2299	42.9568	21.4175	42.8630	21.6047
49	44.0409	21.4802	43.9468	21.6721	43.8518	21.8637	43.7560	22.0548
50	44.9397	21.9186	44.8436	22.1144	44.7467	22.3099	44.6489	22.5049

No.	26	64	26¼	63¾	26½	63½	26¾	63¼
51	45.8385	22.3569	45.7405	22.5567	45.6416	22.7561	45.5419	22.9550
52	46.7373	22.7953	46.6374	22.9990	46.5366	23.2023	46.4349	23.4051
53	47.6361	23.2337	47.5343	23.4413	47.4315	23.6485	47.3279	23.8552
54	48.5349	23.6720	48.4311	23.8836	48.3265	24.0947	48.2209	24.3053
55	49.4337	24.1104	49.3280	24.3259	49.2214	24.5409	49.1138	24.7554
56	50.3325	24.5488	50.2249	24.7682	50.1163	24.9871	50.0068	25.2055
57	51.2313	24.9872	51.1217	25.2105	51.0113	25.4333	50.8998	25.6556
58	52.1301	25.4255	52.0186	25.6527	51.9062	25.8795	51.7928	26.1057
59	53.0288	25.8639	52.9155	26.0950	52.8011	26.3257	52.6858	26.5558
60	53.9276	26.3023	53.8124	26.5373	53.6961	26.7719	53.5787	27.0059
61	54.8264	26.7406	54.7092	26.9796	54.5910	27.2181	54.4717	27.4560
62	55.7252	27.1790	55.6061	27.4219	55.4859	27.6643	55.3647	27.9061
63	56.6240	27.6174	56.5030	27.8642	56.3809	28.1105	56.2577	28.3562
64	57.5228	28.0558	57.3999	28.3065	57.2758	28.5567	57.1506	28.8063
65	58.4216	28.4941	58.2967	28.7488	58.1707	29.0029	58.0436	29.2564
66	59.3204	28.9325	59.1936	29.1911	59.0657	29.4491	58.9366	29.7065
67	60.2192	29.3709	60.0905	29.6333	59.9606	29.8953	59.8296	30.1566
68	61.1180	29.8092	60.9873	30.0756	60.8555	30.3415	60.7226	30.6067
69	62.0168	30.2476	61.8842	30.5179	61.7505	30.7876	61.6155	31.0568
70	62.9156	30.6860	62.7811	30.9602	62.6454	31.2338	62.5085	31.5069
71	63.8144	31.1244	63.6780	31.4025	63.5403	31.6800	63.4015	31.9570
72	64.7132	31.5627	64.5748	31.8448	64.4353	32.1262	64.2945	32.4071
73	65.6120	32.0011	65.4717	32.2871	65.3302	32.5724	65.1875	32.8572
74	66.5108	32.4395	66.3686	32.7294	66.2251	33.0186	66.0804	33.3073
75	67.4096	32.8778	67.2655	33.1717	67.1201	33.4648	66.9734	33.7574
76	68.3083	33.3162	68.1623	33.6139	68.0150	33.9110	67.8664	34.2075
77	69.2071	33.7546	69.0592	34.0562	68.9099	34.3572	68.7594	34.6576
78	70.1059	34.1930	69.9561	34.4985	69.8049	34.8034	69.6524	35.1077
79	71.0047	34.6313	70.8529	34.9408	70.6998	35.2496	70.5453	35.5578
80	71.9035	35.0697	71.7498	35.3831	71.5947	35.6958	71.4383	36.0079
81	72.8023	35.5081	72.6467	35.8254	72.4897	36.1420	72.3313	36.4580
82	73.7011	35.9464	73.5436	36.2677	73.3846	36.5882	73.2243	36.9081
83	74.5999	36.3848	74.4404	36.7100	74.2795	37.0344	74.1172	37.3582
84	75.4987	36.8232	75.3373	37.1523	75.1745	37.4806	75.0102	37.8083
85	76.3975	37.2616	76.2342	37.5945	76.0694	37.9268	75.9032	38.2584
86	77.2963	37.6999	77.1311	38.0368	76.9643	38.3730	76.7962	38.7085
87	78.1951	38.1383	78.0279	38.4791	77.8593	38.8192	77.6892	39.1586
88	79.0939	38.5767	78.9248	38.9214	78.7542	39.2654	78.5821	39.6087
89	79.9927	39.0150	79.8217	39.3637	79.6492	39.7116	79.4751	40.0588
90	80.8915	39.4534	80.7185	39.8060	80.5441	40.1578	80.3681	40.5089
91	81.7903	39.8918	81.6154	40.2483	81.4390	40.6040	81.2611	40.9590
92	82.6890	40.3302	82.5123	40.6906	82.3340	41.0502	82.1541	41.4091
93	83.5878	40.7685	83.4092	41.1328	83.2289	41.4964	83.0470	41.8592
94	84.4866	41.2069	84.3060	41.5751	84.1238	41.9426	83.9400	42.3093
95	85.3854	41.6453	85.2029	42.0174	85.0188	42.3888	84.8330	42.7594
96	86.2842	42.0836	86.0998	42.4597	85.9137	42.8350	85.7260	43.2095
97	87.1830	42.5220	86.9967	42.9020	86.8086	43.2812	86.6190	43.6596
98	88.0818	42.9604	87.8935	43.3443	87.7036	43.7274	87.5119	44.1097
99	88.9806	43.3987	88.7904	43.7866	88.5985	44.1736	88.4049	44.5598
100	89.8794	43.8371	89.6873	44.2289	89.4934	44.6198	89.2979	45.0099

No	27	63	27¼	62¾	27½	62½	27¾	62¼
1	,8910	,4540	,8890	,4579	,8870	,4617	,8850	,4656
2	1.7820	,9080	1.7780	,9157	1.7740	,9235	1.7700	,9312
3	2.6730	1.3620	2.6671	1.3736	2.6610	1.3852	2.6550	1.3968
4	3.5640	1.8160	3.5561	1.8315	3.5480	1.8470	3.5400	1.8625
5	4.4550	2.2700	4.4451	2.2894	4.4351	2.3087	4.4249	2.3281
6	5.3460	2.7239	5.3341	2.7472	5.3221	2.7705	5.3099	2.7937
7	6.2370	3.1779	6.2231	3.2051	6.2091	3.2322	6.1949	3.2593
8	7.1281	3.6319	7.1121	3.6630	7.0961	3.6940	7.0799	3.7249
9	8.0191	4.0859	8.0012	4.1209	7.9831	4.1557	7.9649	4.1905
10	8.9101	4.5399	8.8902	4.5787	8.8701	4.6175	8.8499	4.6561
11	9.8011	4.9939	9.7792	5.0366	9.7571	5.0792	9.7349	5.1218
12	10.6921	5.4479	10.6682	5.4945	10.6441	5.5410	10.6199	5.5874
13	11.5831	5.9019	11.5572	5.9524	11.5311	6.0027	11.5048	6.0530
14	12.4741	6.3559	12.4462	6.4102	12.4182	6.4645	12.3898	6.5186
15	13.3651	6.8099	13.3353	6.8681	13.3052	6.9262	13.2748	6.9842
16	14.2561	7.2638	14.2243	7.3260	14.1922	7.3880	14.1598	7.4498
17	15.1471	7.7178	15.1133	7.7839	15.0792	7.8497	15.0448	7.9154
18	16.0381	8.1718	16.0023	8.2417	15.9662	8.3115	15.9298	8.3811
19	16.9291	8.6258	16.8913	8.6996	16.8532	8.7732	16.8148	8.8467
20	17.8201	9.0798	17.7803	9.1575	17.7402	9.2350	17.6998	9.3123
21	18.7111	9.5338	18.6694	9.6154	18.6272	9.6967	18.5847	9.7779
22	19.6021	9.9878	19.5584	10.0732	19.5142	10.1585	19.4697	10.2435
23	20.4931	10.4418	20.4474	10.5311	20.4012	10.6202	20.3547	10.7091
24	21.3842	10.8958	21.3364	10.9890	21.2883	11.0820	21.2397	11.1747
25	22.2752	11.3498	22.2254	11.4468	22.1753	11.5437	22.1247	11.6404
26	23.1662	11.8038	23.1144	11.9047	23.0623	12.0055	23.0097	12.1060
27	24.0572	12.2577	24.0035	12.3626	23.9493	12.4672	23.8947	12.5716
28	24.9482	12.7117	24.8925	12.8205	24.8363	12.9290	24.7797	13.0372
29	25.8392	13.1657	25.7815	13.2783	25.7233	13.2907	25.6646	13.5028
30	26.7302	13.6197	26.6705	13.7362	26.6103	13.8525	26.5496	13.9684
31	27.6212	14.0737	27.5595	14.1941	27.4973	14.3142	27.4346	14.4340
32	28.5122	14.5277	28.4485	14.6520	28.3843	14.7760	28.3196	14.8997
33	29.4032	14.9817	29.3376	15.1098	29.2714	15.2377	29.2046	15.3653
34	30.2942	15.4357	30.2266	15.5677	30.1584	15.6995	30.0896	15.8309
35	31.1852	15.8897	31.1156	16.0256	31.0454	16.1612	30.9746	16.2965
36	32.0762	16.3437	32.0046	16.4835	31.9324	16.6229	31.8596	16.7621
37	32.9672	16.7976	32.8936	16.9413	32.8194	17.0847	32.7445	17.2277
38	33.8582	17.2516	33.7826	17.3992	33.7064	17.5464	33.6295	17.6934
39	34.7493	17.7056	34.6717	17.8571	34.5934	18.0082	34.5145	18.1590
40	35.6403	18.1596	35.5607	18.3150	35.4804	18.4699	35.3995	18.6246
41	36.5313	18.6136	36.4497	18.7728	36.3674	18.9317	36.2845	19.0902
42	37.4223	19.0676	37.3387	19.2307	37.2545	19.3934	37.1695	19.5558
43	38.3133	19.5216	38.2277	19.6886	38.1415	19.8552	38.0545	20.0214
44	39.2043	19.9756	39.1168	20.1465	39.0285	20.3169	38.9395	20.4870
45	40.0953	20.4296	40.0058	20.6043	39.9155	20.7787	39.8244	20.9527
46	40.9863	20.8836	40.8948	21.0622	40.8025	21.2404	40.7094	21.4183
47	41.8773	21.3376	41.7838	21.5201	41.6895	21.7022	41.5944	21.8839
48	42.7683	21.7915	42.6728	21.9779	42.5765	22.1639	42.4794	22.3495
49	43.6593	22.2455	43.5618	22.4358	43.4635	22.6257	43.3644	22.8151
50	44.5503	22.6995	44.4509	22.8937	44.3505	23.0874	44.2494	23.2807

No.	27	63	27¼	62¾	27½	62½	27¾	62¼
51	45.4413	23.1535	45.3399	23.3516	45.2376	23.5492	45.1344	23.7463
52	46.3323	23.6075	46.2289	23.8094	46.1246	24.0109	46.0194	24.2120
53	47.2233	24.0615	47.1179	24.2673	47.0116	24.4727	46.9043	24.6776
54	48.1144	24.5155	48.0069	24.7252	47.8986	24.9344	47.7893	25.1432
55	49.0054	24.9695	48.8959	25.1831	48.7856	25.3962	48.6743	25.6088
56	49.8964	25.4235	49.7850	25.6409	49.6726	25.8579	49.5593	26.0744
57	50.7874	25.8775	50.6740	26.0988	50.5596	26.3197	50.4443	26.5400
58	51.6784	26.3314	51.5630	26.5567	51.4466	26.7814	51.3293	27.0056
59	52.5694	26.7854	52.4520	27.0146	52.3336	27.2432	52.2143	27.4713
60	53.4604	27.2394	53.3410	27.4724	53.2206	27.7049	53.0993	27.9369
61	54.3514	27.6934	54.2300	27.9303	54.1077	28.1667	53.9842	28.4025
62	55.2424	28.1474	55.1191	28.3882	54.9947	28.6284	54.8692	28.8681
63	56.1334	28.6014	56.0081	28.8461	55.8817	29.0902	55.7542	29.3337
64	57.0244	29.0554	56.8971	29.3039	56.7687	29.5519	56.6392	29.7993
65	57.9154	29.5094	57.7861	29.7618	57.6557	30.0137	57.5242	30.2649
66	58.8064	29.9634	58.6751	30.2197	58.5427	30.4754	58.4092	30.7306
67	59.6974	30.4174	59.5641	30.6776	59.4297	30.9372	59.2942	31.1962
68	60.5884	30.8714	60.4532	31.1354	60.3167	31.3989	60.1792	31.6618
69	61.4794	31.3253	61.3422	31.5933	61.2037	31.8607	61.0641	32.1274
70	62.3705	31.7793	62.2312	32.0512	62.0908	32.3224	61.9491	32.5930
71	63.2615	32.2333	63.1202	32.5090	62.9778	32.7842	62.8341	33.0586
72	64.1525	32.6873	64.0092	32.9669	63.8648	33.2459	63.7191	33.5242
73	65.0435	33.1413	64.8982	33.4248	64.7518	33.7076	64.6041	33.9899
74	65.9345	33.5953	65.7873	33.8827	65.6388	34.1694	65.4891	34.4555
75	66.8255	34.0493	66.6763	34.3405	66.5258	34.6311	66.3741	34.9211
76	67.7165	34.5033	67.5653	34.7984	67.4128	35.0929	67.2591	35.3867
77	68.6075	34.9573	68.4543	35.2563	68.2998	35.5546	68.1440	35.8523
78	69.4985	35.4113	69.3433	35.7142	69.1868	36.0164	69.0290	36.3179
79	70.3895	35.8652	70.2324	36.1720	70.0739	36.4781	69.9140	36.7835
80	71.2805	36.3192	71.1214	36.6299	70.9609	36.9399	70.7990	37.2492
81	72.1715	36.7732	72.0104	37.0878	71.8479	37.4016	71.6840	37.7148
82	73.0625	37.2272	72.8994	37.5457	72.7349	37.8634	72.5690	38.1804
83	73.9535	37.6812	73.7884	38.0035	73.6219	38.3251	73.4540	38.6460
84	74.8445	38.1352	74.6774	38.4614	74.5089	38.7869	74.3390	39.1116
85	75.7356	38.5892	75.5665	38.9193	75.3959	39.2486	75.2239	39.5772
86	76.6266	39.0432	76.4555	39.3772	76.2829	39.7104	76.1089	40.0428
87	77.5176	39.4972	77.3445	39.8350	77.1699	40.1721	76.9939	40.5085
88	78.4086	39.9512	78.2335	40.2929	78.0570	40.6339	77.8789	40.9741
89	79.2996	40.4052	79.1225	40.7508	78.9440	41.0956	78.7639	41.4397
90	80.1906	40.8591	80.0115	41.2087	79.8310	41.5574	79.6489	41.9053
91	81.0816	41.3131	80.9006	41.6665	80.7180	42.0191	80.5339	42.3709
92	81.9726	41.7671	81.7896	42.1244	81.6050	42.4809	81.4189	42.8365
93	82.8636	42.2211	82.6786	42.5823	82.4920	42.9426	82.3038	43.3021
94	83.7546	42.6751	83.5676	43.0401	83.3790	43.4044	83.1888	43.7678
95	84.6456	43.1291	84.4566	43.4980	84.2660	43.8661	84.0738	44.2334
96	85.5366	43.5831	85.3456	43.9559	85.1530	44.3279	84.9588	44.6990
97	86.4276	44.0371	86.2347	44.4138	86.0400	44.7896	85.8438	45.1646
98	87.3186	44.4911	87.1237	44.8716	86.9271	45.2514	86.7288	45.6302
99	88.2096	44.9451	88.0127	45.3295	87.8141	45.7131	87.6138	46.0958
100	89.1006	45.3991	88.9017	45.7874	88.7011	46.1749	88.4988	46.5615

No.	28	62	28¼	61¾	28½	61½	28¾	61¼
1	,8829	,4695	,8809	,4733	,8788	,4772	,8767	,4810
2	1.7659	,9389	1.7618	,9466	1.7576	,9543	1.7535	,9620
3	2.6488	1.4084	2.6427	1.4200	2.6365	1.4315	2.6302	1.4430
4	3.5318	1.8779	3.5236	1.8933	3.5153	1.9086	3.5069	1.9240
5	4.4147	2.3474	4.4045	2.3666	4.3941	2.3858	4.3836	2.4049
6	5.2977	2.8168	5.2853	2.8399	5.2729	2.8630	5.2604	2.8859
7	6.1806	3.2863	6.1662	3.3132	6.1517	3.3401	6.1371	3.3669
8	7.0636	3.7558	7.0471	3.7866	7.0305	3.8173	7.0138	3.8479
9	7.9465	4.2252	7.9280	4.2599	7.9094	4.2944	7.8905	4.3289
10	8.8295	4.6947	8.8089	4.7332	8.7882	4.7716	8.7673	4.8099
11	9.7124	5.1642	9.6898	5.2065	9.6670	5.2487	9.6440	5.2909
12	10.5954	5.6337	10.5707	5.6798	10.5458	5.7259	10.5207	5.7719
13	11.4783	6.1031	11.4516	6.1532	11.4246	6.2031	11.3974	6.2529
14	12.3613	6.5726	12.3325	6.6265	12.3034	6.6802	12.2742	6.7338
15	13.2442	7.0421	13.2134	7.0998	13.1823	7.1574	13.1509	7.2148
16	14.1272	7.5115	14.0943	7.5731	14.0611	7.6345	14.0276	7.6958
17	15.0101	7.9810	14.9751	8.0464	14.9399	8.1117	14.9044	8.1768
18	15.8931	8.4505	15.8560	8.5198	15.8187	8.5889	15.7811	8.6578
19	16.7760	8.9200	16.7369	8.9931	16.6975	9.0660	16.6578	9.1388
20	17.6590	9.3894	17.6178	9.4664	17.5763	9.5432	17.5345	9.6198
21	18.5419	9.8589	18.4987	9.9397	18.4552	10.0203	18.4113	10.1008
22	19.4248	10.3284	19.3796	10.4130	19.3340	10.4975	19.2880	10.5818
23	20.3078	10.7978	20.2605	10.8864	20.2128	10.9747	20.1647	11.0627
24	21.1907	11.2673	21.1414	11.3597	21.0916	11.4518	21.0414	11.5437
25	22.0737	11.7368	22.0223	11.8330	21.9704	11.9290	21.9182	12.0247
26	22.9566	12.2063	22.9032	12.3063	22.8492	12.4061	22.7949	12.5057
27	23.8396	12.6757	23.7840	12.7796	23.7281	12.8833	23.6716	12.9867
28	24.7225	13.1452	24.6649	13.2530	24.6069	13.3604	24.5483	13.4677
29	25.6055	13.6147	25.5458	13.7263	25.4857	13.8376	25.4251	13.9487
30	26.4884	14.0841	26.4267	14.1996	26.3645	14.3148	26.3018	14.4297
31	27.3714	14.5536	27.3076	14.6729	27.2433	14.7919	27.1785	14.9107
32	28.2543	15.0231	28.1885	15.1462	28.1221	15.2691	28.0553	15.3916
33	29.1373	15.4926	29.0694	15.6196	29.0010	15.7462	28.9320	15.8726
34	30.0202	15.9620	29.9503	16.0929	29.8798	16.2234	29.8087	16.3536
35	30.9032	16.4315	30.8312	16.5662	30.7586	16.7006	30.6854	16.8346
36	31.7861	16.9010	31.7121	17.0395	31.6374	17.1777	31.5622	17.3156
37	32.6691	17.3704	32.5930	17.5128	32.5162	17.6549	32.4389	17.7966
38	33.5520	17.8399	33.4738	17.9861	33.3950	18.1320	33.3156	18.2776
39	34.4350	18.3094	34.3547	18.4595	34.2739	18.6092	34.1923	18.7586
40	35.3179	18.7789	35.2356	18.9328	35.1527	19.0864	35.0691	19.2396
41	36.2009	19.2483	36.1165	19.4061	36.0315	19.5635	35.9458	19.7205
42	37.0838	19.7178	36.9974	19.8794	36.9103	20.0407	36.8225	20.2015
43	37.9667	20.1873	37.8783	20.3527	37.7891	20.5178	37.6992	20.6825
44	38.8497	20.6568	38.7592	20.8261	38.6680	20.9950	38.5760	21.1635
45	39.7326	21.1262	39.6401	21.2994	39.5468	21.4721	39.4527	21.6445
46	40.6156	21.5957	40.5210	21.7727	40.4256	21.9493	40.3294	22.1255
47	41.4985	22.0652	41.4019	22.2460	41.3044	22.4265	41.2062	22.6065
48	42.3815	22.5346	42.2828	22.7193	42.1832	22.9036	42.0829	23.0875
49	43.2644	23.0041	43.1636	23.1927	43.0620	23.3808	42.9596	23.5685
50	44.1474	23.4736	44.0445	23.6660	43.9409	23.8579	43.8363	24.0494

No.	28	62	28¼	61¾	28½	61½	28¾	61¼
51	45.0303	23.9431	44.9254	24.1393	44.8197	24.3351	44.7131	24.5304
52	45.9133	24.4125	45.8063	24.6126	45.6985	24.8123	45.5898	25.0114
53	46.7962	24.8820	46.6872	25.0859	46.5773	25.2894	46.4665	25.4924
54	47.6792	25.3515	47.5681	25.5593	47.4561	25.7666	47.3432	25.9734
55	48.5621	25.8209	48.4490	26.0326	48.3349	26.2437	48.2200	26.4544
56	49.4451	26.2904	49.3299	26.5059	49.2138	26.7209	49.0967	26.9354
57	50.3280	26.7599	50.2108	26.9792	50.0926	27.1981	49.9734	27.4164
58	51.2110	27.2294	51.0917	27.4525	50.9714	27.6752	50.8501	27.8974
59	52.0939	27.6988	51.9726	27.9259	51.8502	28.1524	51.7269	28.3783
60	52.9769	28.1683	52.8534	28.3992	52.7290	28.6295	52.6036	28.8593
61	53.8598	28.6378	53.7343	28.8725	53.6078	29.1067	53.4803	29.3403
62	54.7428	29.1072	54.6152	29.3458	54.4867	29.5838	54.3571	29.8213
63	55.6257	29.5767	55.4961	29.8191	55.3655	30.0610	55.2338	30.3023
64	56.5086	30.0462	56.3770	30.2925	56.2443	30.5382	56.1105	30.7833
65	57.3916	30.5157	57.2579	30.7658	57.1231	31.0153	56.9872	31.2643
66	58.2745	30.9851	58.1388	31.2391	58.0019	31.4925	57.8640	31.7453
67	59.1575	31.4546	59.0197	31.7124	58.8807	31.9696	58.7407	32.2262
68	60.0404	31.9241	59.9006	32.1857	59.7596	32.4468	59.6174	32.7072
69	60.9234	32.3935	60.7815	32.6591	60.6384	32.9240	60.4941	33.1882
70	61.8063	32.8630	61.6623	33.1324	61.5172	33.4011	61.3709	33.6692
71	62.6893	33.3325	62.5432	33.6057	62.3960	33.8783	62.2476	34.1502
72	63.5722	33.8020	63.4241	34.0790	63.2748	34.3554	63.1243	34.6312
73	64.4552	34.2714	64.3050	34.5523	64.1536	34.8326	64.0010	35.1122
74	65.3381	34.7409	65.1859	35.0257	65.0325	35.3098	64.8778	35.5932
75	66.2211	35.2104	66.0668	35.4990	65.9113	35.7869	65.7545	36.0742
76	67.1040	35.6798	66.9477	35.9723	66.7901	36.2641	66.6312	36.5551
77	67.9870	36.1493	67.8286	36.4456	67.6689	36.7412	67.5080	37.0361
78	68.8699	36.6188	68.7095	36.9189	68.5477	37.2184	68.3847	37.5171
79	69.7529	37.0883	69.5904	37.3923	69.4266	37.6955	69.2614	37.9981
80	70.6358	37.5577	70.4713	37.8656	70.3054	38.1727	70.1381	38.4791
81	71.5188	38.0272	71.3521	38.3389	71.1842	38.6499	71.0149	38.9601
82	72.4017	38.4967	72.2330	38.8122	72.0630	39.1270	71.8916	39.4411
83	73.2847	38.9661	73.1139	39.2855	72.9418	39.6042	72.7683	39.9221
84	74.1676	39.4356	73.9948	39.7589	73.8206	40.0813	73.6450	40.4031
85	75.0505	39.9051	74.8757	40.2322	74.6995	40.5585	74.5218	40.8840
86	75.9335	40.3746	75.7566	40.7055	75.5783	41.0357	75.3985	41.3650
87	76.8164	40.8440	76.6375	41.1788	76.4571	41.5128	76.2752	41.8460
88	77.6994	41.3135	77.5184	41.6521	77.3359	41.9900	77.1519	42.3270
89	78.5823	41.7830	78.3993	42.1255	78.2147	42.4671	78.0287	42.8080
90	79.4653	42.2524	79.2802	42.5988	79.0935	42.9443	78.9054	43.2890
91	80.3482	42.7219	80.1611	43.0721	79.9724	43.4215	79.7821	43.7700
92	81.2312	43.1914	81.0419	43.5454	80.8512	43.8986	80.6589	44.2510
93	82.1141	43.6609	81.9228	44.0187	81.7300	44.3758	81.5356	44.7320
94	82.9971	44.1303	82.8037	44.4921	82.6088	44.8529	82.4123	45.2129
95	83.8800	44.5998	83.6846	44.9654	83.4876	45.3301	83.2890	45.6939
96	84.7630	45.0693	84.5655	45.4387	84.3664	45.8072	84.1658	46.1749
97	85.6459	45.5387	85.4464	45.9120	85.2453	46.2844	85.0425	46.6559
98	86.5289	46.0082	86.3273	46.3853	86.1241	46.7616	85.9192	47.1369
99	87.4118	46.4777	87.2082	46.8587	87.0029	47.2387	86.7959	47.6179
100	88.2918	46.9472	88.0891	47.3320	87.8817	47.7159	87.6727	48.0989

No	29	61	29¼	60¾	29½	60½	29¾	60¼
1	,8746	,4848	,8725	,4886	,8704	,4924	,8682	,4962
2	1.7492	,9696	1.7450	,9772	1.7407	,9848	1.7364	,9924
3	2.6239	1.4544	2.6175	1.4659	2.6111	1.4773	2.6046	1.4886
4	3.4985	1.9392	3.4900	1.9545	3.4814	1.9697	3.4728	1.9849
5	4.3731	2.4240	4.3625	2.4431	4.3518	2.4621	4.3410	2.4811
6	5.2477	2.9089	5.2350	2.9317	5.2221	2.9545	5.2092	2.9773
7	6.1223	3.3937	6.1075	3.4203	6.0925	3.4470	6.0774	3.4735
8	6.9970	3.8785	6.9800	3.9090	6.9628	3.9394	6.9456	3.9697
9	7.8716	4.3633	7.8525	4.3976	7.8332	4.4318	7.8138	4.4659
10	8.7462	4.8481	8.7250	4.8862	8.7036	4.9242	8.6820	4.9622
11	9.6208	5.3329	9.5975	5.3748	9.5739	5.4167	9.5502	5.4584
12	10.4954	5.8177	10.4700	5.8635	10.4443	5.9091	10.4184	5.9546
13	11.3701	6.3025	11.3424	6.3521	11.3146	6.4015	11.2866	6.4508
14	12.2447	6.7873	12.2149	6.8407	12.1850	6.8939	12.1548	6.9470
15	13.1193	7.2721	13.0874	7.3293	13.0553	7.3864	13.0230	7.4432
16	13.9939	7.7570	13.9599	7.8179	13.9257	7.8788	13.8912	7.9395
17	14.8685	8.2418	14.8324	8.3066	14.7960	8.3712	14.7594	8.4357
18	15.7432	8.7266	15.7049	8.7952	15.6664	8.8636	15.6276	8.9319
19	16.6178	9.2114	16.5774	9.2838	16.5368	9.3560	16.4958	9.4281
20	17.4924	9.6962	17.4499	9.7724	17.4071	9.8485	17.3640	9.9243
21	18.3670	10.1810	18.3224	10.2610	18.2775	10.3409	18.2322	10.4205
22	19.2416	10.6658	19.1949	10.7497	19.1478	10.8333	19.1004	10.9168
23	20.1163	11.1506	20.0674	11.2383	20.0182	11.3257	19.9686	11.4130
24	20.9909	11.6354	20.9399	11.7269	20.8885	11.8182	20.8368	11.9092
25	21.8655	12.1202	21.8124	12.2155	21.7589	12.3106	21.7050	12.4051
26	22.7401	12.6050	22.6849	12.7042	22.6292	12.8030	22.5732	12.9016
27	23.6147	13.0899	23.5574	13.1928	23.4996	13.2954	23.4414	13.3978
28	24.4894	13.5747	24.4299	13.6814	24.3700	13.7879	24.3096	13.8941
29	25.3640	14.0595	25.3024	14.1700	25.2403	14.2803	25.1778	14.3903
30	26.2386	14.5443	26.1749	14.6586	26.1107	14.7727	26.0460	14.8865
31	27.1132	15.0291	27.0474	15.1473	26.9810	15.2651	26.9142	15.3827
32	27.9878	15.5139	27.9199	15.6359	27.8514	15.7576	27.7824	15.8789
33	28.8625	15.9987	28.7924	16.1245	28.7217	16.2500	28.6506	16.3751
34	29.7371	16.4835	29.6649	16.6131	29.5921	16.7424	29.5188	16.8714
35	30.6117	16.9683	30.5374	17.1017	30.4624	17.2348	30.3870	17.3676
36	31.4863	17.4531	31.4099	17.5904	31.3328	17.7272	31.2552	17.8638
37	32.3609	17.9380	32.2824	18.0790	32.2032	18.2197	32.1234	18.3600
38	33.2355	18.4228	33.1548	18.5676	33.0735	18.7121	32.9916	18.8562
39	34.1102	18.9076	34.0273	19.0562	33.9439	19.2045	33.8598	19.3524
40	34.9848	19.3924	34.8998	19.5448	34.8142	19.6969	34.7280	19.8487
41	35.8594	19.8772	35.7723	20.0335	35.6846	20.1893	35.5962	20.3449
42	36.7340	20.3620	36.6448	20.5221	36.5549	20.6818	36.4643	20.8411
43	37.6086	20.8468	37.5173	21.0107	37.4253	21.1742	37.3325	21.3373
44	38.4833	21.3316	38.3898	21.4993	38.2957	21.6666	38.2007	21.8335
45	39.3579	21.8164	39.2623	21.9880	39.1660	22.1591	39.0689	22.3297
46	40.2325	22.3012	40.1348	22.4766	40.0364	22.6514	39.9371	22.8260
47	41.1071	22.7861	41.0073	22.9652	40.9067	23.1439	40.8053	23.3222
48	41.9817	23.2709	41.8798	23.4538	41.7771	23.6363	41.6735	23.8184
49	42.8564	23.7557	42.7523	23.9424	42.6474	24.1288	42.5417	24.3146
50	43.7310	24.2405	43.6248	24.4311	43.5178	24.6212	43.4099	24.8108

No	29	61	29¼	60¾	29½	60½	29¾	60¼
51	44.6056	24.7253	44.4973	24.9197	44.3881	25.1136	44.2781	25.3070
52	45.4802	25.2101	45.3698	25.4083	45.2585	25.6060	45.1463	25.8033
53	46.3548	25.6949	46.2423	25.8969	46.1289	26.0985	46.0145	26.2995
54	47.2295	26.1797	47.1148	26.3855	46.9992	26.5909	46.8827	26.7957
55	48.1041	26.6645	47.9873	26.8742	47.8696	27.0833	47.7509	27.2919
56	48.9787	27.1493	48.8598	27.3628	48.7399	27.5757	48.6191	27.7881
57	49.8533	27.6341	49.7323	27.8514	49.6103	28.0681	49.4873	28.2843
58	50.7279	28.1190	50.6048	28.3400	50.4806	28.5606	50.3555	28.7806
59	51.6026	28.6038	51.4773	28.8287	51.3510	29.0530	51.2237	29.2768
60	52.4772	29.0886	52.3498	29.3173	52.2213	29.5454	52.0919	29.7730
61	53.3518	29.5734	53.2223	29.8059	53.0917	30.0378	52.9601	30.2692
62	54.2264	30.0582	54.0948	30.2945	53.9621	30.5303	53.8283	30.7654
63	55.1010	30.5430	54.9672	30.7831	54.8324	31.0227	54.6965	31.2616
64	55.9757	31.0278	55.8397	31.2718	55.7028	31.5151	55.5647	31.7579
65	56.8503	31.5128	56.7122	31.7604	56.5731	32.0075	56.4329	32.2541
66	57.7249	31.9974	57.5847	32.2490	57.4435	32.5000	57.3011	32.7503
67	58.5995	32.4822	58.4572	32.7376	58.3138	32.9924	58.1693	33.2465
68	59.4741	32.9671	59.3297	33.2262	59.1842	33.4848	59.0375	33.7427
69	60.3488	33.4519	60.2022	33.7149	60.0545	33.9772	59.9057	34.2389
70	61.2234	33.9367	61.0747	34.2035	60.9249	34.4697	60.7739	34.7352
71	62.0980	34.4215	61.9472	34.6921	61.7953	34.9621	61.6421	35.2314
72	62.9726	34.9063	62.8197	35.1807	62.6656	35.4545	62.5103	35.7276
73	63.8472	35.3911	63.6922	35.6693	63.5360	35.9469	63.3785	36.2238
74	64.7219	35.8759	64.5647	36.1580	64.4063	36.4393	64.2467	36.7200
75	65.5965	36.3607	65.4372	36.6466	65.2767	36.9318	65.1149	37.2162
76	66.4711	36.8455	66.3097	37.1352	66.1470	37.4242	65.9831	37.7125
77	67.3457	37.3303	67.1822	37.6238	67.0174	37.9166	66.8513	38.2087
78	68.2203	37.8151	68.0547	38.1125	67.8877	38.4090	67.7195	38.7049
79	69.0950	38.3000	68.9272	38.6011	68.7581	38.9015	68.5877	39.2011
80	69.9696	38.7848	69.7997	39.0897	69.6285	39.3939	69.4559	39.6973
81	70.8442	39.2696	70.6722	39.5783	70.4988	39.8863	70.3241	40.1935
82	71.7188	39.7544	71.5447	40.0669	71.3692	40.3787	71.1923	40.6898
83	72.5934	40.2392	72.4172	40.5556	72.2395	40.8712	72.0605	41.1860
84	73.4681	40.7240	73.2897	41.0442	73.1099	41.3636	72.9287	41.6822
85	74.3427	41.2088	74.1622	41.5328	73.9802	41.8560	73.7969	42.1784
86	75.2173	41.6936	75.0347	42.0214	74.8506	42.3484	74.6651	42.6746
87	76.0919	42.1784	75.9072	42.5100	75.7209	42.8409	75.5333	43.1708
88	76.9665	42.6632	76.7796	42.9987	76.5913	43.3333	76.4015	43.6671
89	77.8412	43.1481	77.6521	43.4873	77.4617	43.8257	77.2697	44.1633
90	78.7158	43.6329	78.5246	43.9759	78.3320	44.3181	78.1379	44.6595
91	79.5904	44.1177	79.3971	44.4645	79.2024	44.8105	79.0061	45.1557
92	80.4650	44.6025	80.2696	44.9532	80.0727	45.3030	79.8743	45.6519
93	81.3396	45.0873	81.1421	45.4418	80.9431	45.7954	80.7425	46.1481
94	82.2143	45.5721	82.0146	45.9304	81.8134	46.2878	81.6107	46.6444
95	82.0889	46.0569	82.8871	46.4190	82.6828	46.7802	82.4789	47.1406
96	83.9635	46.5417	83.7596	46.9076	83.5541	47.2727	83.3471	47.6368
97	84.8381	47.0265	84.6321	47.3963	84.4245	47.7651	84.2153	48.1330
98	85.7127	47.5113	85.5046	47.8849	85.2949	48.2575	85.0835	48.6292
99	86.5874	47.9962	86.3771	48.3735	86.1652	48.7499	85.9517	49.1254
100	87.4620	48.4810	87.2496	48.8621	87.0356	49.2424	86.8199	49.6217

No.	30	60	30¼	59¾	30½	59½	30¾	59¼
1	,8660	,5000	,8638	,5038	,8616	,5075	,8594	,5113
2	1.7321	1.0000	1.7277	1.0075	1.7233	1.0151	1.7188	1.0226
3	2.5981	1.5	2.5915	1.5113	2.5849	1.5226	2.5782	1.5339
4	3.4641	2.	3.4553	2.0151	3.4465	2.0302	3.4376	2.0452
5	4.3301	2.5	4.3192	2.5189	4.3081	2.5377	4.2970	2.5565
6	5.1962	3.0000	5.1830	3.0226	5.1698	3.0452	5.1564	3.0678
7	6.0622	3.5	6.0468	3.5264	6.0314	3.5528	6.0158	3.5791
8	6.9282	4.	6.9107	4.0302	6.8930	4.0603	6.8753	4.0903
9	7.7942	4.5	7.7745	4.5340	7.7547	4.5678	7.7347	4.6016
10	8.6603	5.	8.6384	5.0377	8.6163	5.0754	8.5941	5.1129
11	9.5263	5.5000	9.5022	5.5415	9.4779	5.5829	9.4535	5.6242
12	10.3923	6.	10.3660	6.0453	10.3396	6.0905	10.3129	6.1355
13	11.2583	6.5	11.2299	6.5491	11.2012	6.5980	11.1723	6.6468
14	12.1244	7.	12.0937	7.0528	12.0628	7.1055	12.0317	7.1581
15	12.9904	7.5	12.9575	7.5566	12.9244	7.6131	12.8911	7.6694
16	13.8564	8.0000	13.8214	8.0604	13.7861	8.1206	13.7505	8.1807
17	14.7224	8.5	14.6852	8.5642	14.6477	8.6282	14.6099	8.6920
18	15.5885	9.	15.5490	9.0679	15.5093	9.1357	15.4693	9.2033
19	16.4545	9.5	16.4129	9.5717	16.3710	9.6432	16.3287	9.7146
20	17.3205	10.	17.2767	10.0755	17.2326	10.1508	17.1881	10.2259
21	18.1865	10.5000	18.1405	10.5793	18.0942	10.6583	18.0475	10.7372
22	19.0526	11.	19.0044	11.0830	18.9558	11.1658	18.9069	11.2484
23	19.9186	11.5	19.8682	11.5868	19.8175	11.6734	19.7663	11.7597
24	20.7846	12.	20.7321	12.0906	20.6791	12.1809	20.6258	12.2710
25	21.6506	12.5	21.5959	12.5944	21.5407	12.6885	21.4852	12.7823
26	22.5167	13.0000	22.4597	13.0981	22.4024	13.1960	22.3446	13.2936
27	23.3827	13.5	23.3236	13.6019	23.2640	13.7035	23.2040	13.8049
28	24.2487	14.	24.1874	14.1057	24.1256	14.2111	24.0634	14.3162
29	25.1147	14.5	25.0512	14.6094	24.9872	14.7186	24.9228	14.8275
30	25.9808	15.	25.9151	15.1132	25.8489	15.2262	25.7822	15.3388
31	26.8468	15.5000	26.7789	15.6170	26.7105	15.7337	26.6416	15.8501
32	27.7128	16.	27.6427	16.1208	27.5721	16.2412	27.5010	16.3614
33	28.5788	16.5	28.5066	16.6245	28.4338	16.7488	28.3604	16.8727
34	29.4449	17.	29.3704	17.1283	29.2954	17.2563	29.2198	17.3840
35	30.3109	17.5	30.2343	17.6321	30.1570	17.7638	30.0792	17.8953
36	31.1769	18.0000	31.0981	18.1359	31.0187	18.2714	30.9386	18.4066
37	32.0429	18.5	31.9619	18.6396	31.8803	18.7789	31.7980	18.9178
38	32.9090	19.	32.8257	19.1434	32.7419	19.2865	32.6574	19.4291
39	33.7750	19.5	33.6896	19.6472	33.6035	19.7940	33.5168	19.9404
40	34.6410	20.	34.5534	20.1510	34.4652	20.3015	34.3763	20.4517
41	35.5070	20.5000	35.4173	20.6547	35.3268	20.8091	35.2357	20.9630
42	36.3731	21.	36.2811	21.1585	36.1884	21.3166	36.0951	21.4743
43	37.2391	21.5	37.1449	21.6623	37.0501	21.8242	36.9545	21.9856
44	38.1051	22.	38.0088	22.1661	37.9117	22.3317	37.8139	22.4969
45	38.9711	22.5	38.8726	22.6698	38.7733	22.8392	38.6733	23.0082
46	39.8372	23.0000	39.7364	23.1736	39.6349	23.3468	39.5327	23.5195
47	40.7032	23.5	40.6003	23.6774	40.4966	23.8543	40.3921	24.0308
48	41.5692	24.	41.4641	24.1812	41.3582	24.3618	41.2515	24.5421
49	42.4352	24.5	42.3279	24.6849	42.2198	24.8694	42.1109	25.0534
50	43.3013	25.	43.1918	25.1887	43.0815	25.3769	42.9703	25.5647

No.	30	60	30¼	59¾	30½	59½	30¾	59¼
51	44.1673	25.5000	44.0556	25.6925	43.9431	25.8845	43.8297	26.0759
52	45.0333	26.	44.9194	26.1962	44.8047	26.3920	44.6891	26.5872
53	45.8993	26.5	45.7833	26.7000	45.6663	26.8995	45.5485	27.0985
54	46.7654	27.	46.6471	27.2038	46.5280	27.4071	46.4079	27.6098
55	47.6314	27.5	47.5110	27.7076	47.3896	27.9146	47.2674	28.1211
56	48.4974	28.0000	48.3748	28.2113	48.2512	28.4222	48.1268	28.6324
57	49.3634	28.5	49.2386	28.7151	49.1129	28.9297	48.9862	29.1437
58	50.2295	29.	50.1025	29.2189	49.9745	29.4372	49.8456	29.6550
59	51.0955	29.5	50.9663	29.7227	50.8361	29.9448	50.7050	30.1663
60	51.9615	30.	51.8301	30.2264	51.6978	30.4523	51.5644	30.6776
61	52.8275	30.5000	52.6940	30.7302	52.5594	30.9598	52.4238	31.1889
62	53.6936	31.	53.5578	31.2340	53.4210	31.4674	53.2832	31.7002
63	54.5596	31.5	54.4216	31.7378	54.2826	31.9749	54.1426	32.2115
64	55.4256	32.	55.2855	32.2415	55.1443	32.4825	55.0020	32.7228
65	56.2917	32.5	56.1493	32.7453	56.0059	32.9900	55.8614	33.2341
66	57.1577	33.0000	57.0131	33.2491	56.8675	33.4975	56.7208	33.7453
67	58.0237	33.5	57.8770	33.7529	57.7292	34.0051	57.5802	34.2566
68	58.8897	34.	58.7408	34.2566	58.5908	34.5126	58.4396	34.7679
69	59.7558	34.5	59.6046	34.7604	59.4524	35.0201	59.2990	35.2792
70	60.6218	35.	60.4685	35.2642	60.3140	35.5277	60.1584	35.7905
71	61.4878	35.5000	61.3323	35.7680	61.1757	36.0352	61.0179	36.3018
72	62.3538	36.	62.1962	36.2717	62.0373	36.5428	61.8773	36.8131
73	63.2199	36.5	63.0600	36.7755	62.8989	37.0503	62.7367	37.3244
74	64.0859	37.	63.9238	37.2793	63.7606	37.5578	63.5961	37.8357
75	64.9519	37.5	64.7877	37.7831	64.6222	38.0654	64.4555	38.3470
76	65.8179	38.0000	65.6515	38.2868	65.4838	38.5729	65.3149	38.8583
77	66.6840	38.5	66.5153	38.7906	66.3454	39.0805	66.1743	39.3696
78	67.5500	39.	67.3792	39.2944	67.2071	39.5880	67.0337	39.8809
79	68.4160	39.5	68.2430	39.7981	68.0687	40.0955	67.8931	40.3922
80	69.2820	40.	69.1068	40.3019	68.9303	40.6031	68.7525	40.9034
81	70.1481	40.5000	69.9707	40.8057	69.7920	41.1106	69.6119	41.4147
82	71.0141	41.	70.8345	41.3095	70.6536	41.6181	70.4713	41.9260
83	71.8801	41.5	71.6983	41.8132	71.5152	42.1257	71.3307	42.4373
84	72.7461	42.	72.5622	42.3170	72.3769	42.6332	72.1901	42.9486
85	73.6122	42.5	73.4260	42.8208	73.2385	43.1408	73.0495	43.4599
86	74.4782	43.0000	74.2899	43.3246	74.1001	43.6483	73.9090	43.9712
87	75.3442	43.5	75.1537	43.8283	74.9617	44.1558	74.7684	44.4825
88	76.2102	44.	76.0175	44.3321	75.8234	44.6634	75.6278	44.9938
89	77.0763	44.5	76.8814	44.8359	76.6850	45.1709	76.4872	45.5051
90	77.9423	45.	77.7452	45.3397	77.5466	45.6785	77.3466	46.0164
91	78.8083	45.5000	78.6090	45.8434	78.4083	46.1860	78.2060	46.5277
92	79.6743	46.	79.4729	46.3472	79.2699	46.6935	79.0654	47.0390
93	80.5404	46.5	80.3367	46.8510	80.1315	47.2011	79.9248	47.5503
94	81.4064	47.	81.2005	47.3548	80.9931	47.7086	80.7842	48.0616
95	82.2724	47.5	82.0644	47.8585	81.8548	48.2161	81.6436	48.5728
96	83.1384	48.0000	82.9282	48.3623	82.7164	48.7237	82.5030	49.0841
97	84.0045	48.5	83.7920	48.8661	83.5780	49.2312	83.3624	49.5954
98	84.8705	49.	84.6559	49.3699	84.4397	49.7388	84.2218	50.1067
99	85.7365	49.5	85.5197	49.8736	85.3013	50.2463	85.0812	50.6180
100	86.6025	50.0000	86.3836	50.3774	86.1629	50.7538	85.9406	51.1293

No	31	59	31¼	58¾	31½	58½	31¾	58¼
1	,8572	,5150	,8549	,5188	,8526	,5225	,8504	,5262
2	1.7143	1.0301	1.7098	1.0375	1.7053	1.0450	1.7007	1.0524
3	2.5715	1.5451	2.5647	1.5563	2.5579	1.5675	2.5511	1.5786
4	3.4287	2.0602	3.4196	2.0751	3.4106	2.0900	3.4014	2.1049
5	4.2858	2.5752	4.2746	2.5939	4.2632	2.6125	4.2517	2.6311
6	5.1430	3.0902	5.1295	3.1126	5.1158	3.1350	5.1021	3.1573
7	6.0002	3.6053	5.9844	3.6314	5.9685	3.6575	5.9525	3.6835
8	6.8573	4.1203	6.8393	4.1502	6.8211	4.1800	6.8028	4.2097
9	7.7145	4.6353	7.6942	4.6690	7.6738	4.7025	7.6532	4.7359
10	8.5717	5.1504	8.5491	5.1877	8.5264	5.2250	8.5035	5.2621
11	9.4288	5.6654	9.4040	5.7065	9.3790	5.7475	9.3539	5.7884
12	10.2860	6.1805	10.2589	6.2253	10.2317	6.2700	10.2042	6.3146
13	11.1432	6.6955	11.1139	6.7441	11.0843	6.7925	11.0546	6.8408
14	12.0003	7.2105	11.9688	7.2628	11.9370	7.3150	11.9049	7.3670
15	12.8575	7.7256	12.8237	7.7816	12.7896	7.8375	12.7553	7.8932
16	13.7147	8.2406	13.6786	8.3004	13.6422	8.3600	13.6056	8.4194
17	14.5718	8.7556	14.5335	8.8191	14.4949	8.8825	14.4560	8.9456
18	15.4290	9.2707	15.3884	9.3379	15.3475	9.4050	15.3063	9.4719
19	16.2862	9.7857	16.2433	9.8567	16.2002	9.9275	16.1567	9.9981
20	17.1433	10.3008	17.0982	10.3755	17.0528	10.4500	17.0070	10.5243
21	18.0005	10.8158	17.9531	10.8942	17.9054	10.9725	17.8574	11.0505
22	18.8577	11.3308	18.8081	11.4130	18.7581	11.4950	18.7077	11.5767
23	19.7148	11.8459	19.6630	11.9318	19.6107	12.0175	19.5581	12.1029
24	20.5720	12.3609	20.5179	12.4506	20.4634	12.5400	20.4085	12.6291
25	21.4292	12.8760	21.3728	12.9693	21.3160	13.0625	21.2588	13.1553
26	22.2863	13.3910	22.2277	13.4881	22.1686	13.5850	22.1092	13.6816
27	23.1435	13.9060	23.0826	14.0069	23.0213	14.1075	22.9595	14.2078
28	24.0007	14.4211	23.9375	14.5257	23.8739	14.6300	23.8099	14.7340
29	24.8579	14.9361	24.7924	15.0444	24.7266	15.1525	24.6602	15.2602
30	25.7150	15.4511	25.6474	15.5632	25.5792	15.6750	25.5106	15.7864
31	26.5722	15.9662	26.5023	16.0820	26.4318	16.1975	26.3609	16.3126
32	27.4294	16.4812	27.3572	16.6007	27.2845	16.7200	27.2113	16.8388
33	28.2865	16.9963	28.2121	17.1195	28.1371	17.2425	28.0616	17.3651
34	29.1437	17.5113	29.0670	17.6383	28.9898	17.7650	28.9120	17.8913
35	30.0009	18.0263	29.9219	18.1571	29.8424	18.2875	29.7623	18.4175
36	30.8580	18.5414	30.7768	18.6758	30.6950	18.8099	30.6127	18.9437
37	31.7152	19.0564	31.6317	19.1946	31.5477	19.3314	31.4630	19.4699
38	32.5724	19.5714	32.4866	19.7134	32.4003	19.8549	32.3134	19.9961
39	33.4295	20.0865	33.3416	20.2322	33.2530	20.3774	33.1637	20.5223
40	34.2867	20.6015	34.1965	20.7509	34.1056	20.8999	34.0141	21.0486
41	35.1439	21.1166	35.0514	21.2697	34.9582	21.4224	34.8644	21.5748
42	36.0010	21.6316	35.9063	21.7885	35.8109	21.9449	35.7148	22.1010
43	36.8582	22.1466	36.7612	22.3073	36.6635	22.4674	36.5651	22.6272
44	37.7154	22.6617	37.6161	22.8260	37.5162	22.9899	37.4155	23.1534
45	38.5725	23.1767	38.4710	23.3448	38.3688	23.5124	38.2658	23.6796
46	39.4297	23.6918	39.3259	23.8636	39.2214	24.0349	39.1162	24.2058
47	40.2869	24.2068	40.1809	24.3823	40.0741	24.5574	39.9666	24.7321
48	41.1440	24.7218	41.0358	24.9011	40.9267	25.0799	40.8169	25.2583
49	42.0012	25.2369	41.8907	25.4199	41.7794	25.6024	41.6673	25.7845
50	42.8584	25.7519	42.7456	25.9387	42.6320	26.1249	42.5176	26.3107

No	31	59	31¼	58¾	31½	58½	31¾	58¼
51	43.7155	26.2669	43.6005	26.4574	43.4847	26.6474	43.3680	26.8369
52	44.5727	26.7820	44.4554	26.9762	44.3373	27.1699	44.2183	27.3631
53	45.4299	27.2970	45.3103	27.4950	45.1899	27.6924	45.0687	27.8893
54	46.2870	27.8121	46.1652	28.0138	46.0426	28.2149	45.9190	28.4156
55	47.1442	28.3271	47.0201	28.5325	46.8952	28.7374	46.7694	28.9418
56	48.0014	28.8421	47.8751	29.0513	47.7479	29.2599	47.6197	29.4680
57	48.8585	29.3572	48.7300	29.5701	48.6005	29.7824	48.4701	29.9942
58	49.7157	29.8722	49.5849	30.0889	49.4531	30.3049	49.3204	30.5204
59	50.5729	30.3872	50.4398	30.6076	50.3058	30.8274	50.1708	31.0466
60	51.4300	30.9023	51.2947	31.1264	51.1584	31.3499	51.0211	31.5728
61	52.2872	31.4173	52.1496	31.6452	52.0111	31.8724	51.8715	32.0990
62	53.1444	31.9324	53.0045	32.1639	52.8637	32.3949	52.7218	32.6253
63	54.0015	32.4474	53.8594	32.6827	53.7163	32.9174	53.5722	33.1515
64	54.8587	32.9624	54.7144	33.2015	54.5690	33.4399	54.4225	33.6777
65	55.7159	33.4775	55.5693	33.7203	55.4216	33.9624	55.2729	34.2039
66	56 5730	33.9925	56.4242	34.2390	56.2743	34.4849	56.1232	34.7301
67	57.4302	34 5076	57.2791	34.7578	57.1269	35.0074	56.9756	35.2563
68	58.2874	35.0226	58.1340	35.2766	57.9795	35.5299	57.8239	35.7825
69	59.1445	35.5376	58.9889	35.7954	58.8322	36.0524	58.6743	36.3088
70	60.0017	36.0527	59.8438	36.3141	59.6848	36.5749	59.5247	36.8350
71	60.8589	36.5677	60.6987	36.8329	60.5375	37.0974	60.3750	37.3612
72	61.7160	37.0827	61.5536	37.3517	61.3901	37.6199	61.2254	37.8874
73	62.5732	37.5978	62.4086	37.8705	62.2427	38.1424	62.0757	38.4136
74	63.4304	38.1128	63.2635	38.3892	63.0954	38.6649	62.9261	38.9398
75	64.2875	38.6279	64.1184	38.9080	63.9480	39.1874	63.7764	39 4660
76	65.1447	39.1429	64.9733	39.4268	64.8007	39.7099	64.6268	39.9923
77	66.0019	39.6579	65.8282	39.9455	65.6533	40.2324	65.4771	40.5185
78	66.8590	40.1730	66.6831	40.4643	66.5059	40 7549	66.3275	41.0447
79	67.7162	40.6880	67.5380	40.9831	67.3586	41.2774	67.1778	41.5709
80	68.5734	41.2030	68.3929	41.5019	68.2112	41.7999	68.0282	42.0971
81	69.4306	41.7181	69.2479	42.0206	69.0639	42.3224	68.8785	42.6233
82	70.2877	42.2331	70.1028	42.5394	69.9165	42.8449	69.7289	43.1495
83	71.1449	42.7482	70.9577	43.0582	70.7691	43.3674	70.5792	43.6758
84	72.0021	43.2632	71.8126	43.5770	71.6218	43.8899	71.4296	44.2020
85	72.8592	43.7782	72.6675	44.0957	72.4744	44.4124	72.2799	44.7282
86	73.7164	44.2933	73.5224	44.6145	73.3271	44.9349	73.1303	45.2544
87	74.5736	44.8083	74.3773	45.1333	74.1797	45.4574	73.9806	45.7806
88	75.4307	45.3234	75.2322	45.6521	75.0323	45.9799	74.8310	46.3068
89	76.2879	45.8384	76.0872	46.1708	75.8850	46.5024	75.6813	46.8330
90	77.1451	46.3534	76.9421	46.6896	76.7376	47.0249	76.5317	47.3593
91	78.0022	46.8685	77.7970	47.2084	77.5903	47.5474	77.3821	47.8855
92	78.8594	47.3835	78.6519	47.7271	78.4429	48.0699	78.2324	48.4117
93	79.7166	47.8985	79.5068	48.2459	79.2955	48.5924	79.0828	48.9379
94	80.5737	48.4136	80.3617	48.7647	80.1482	49.1149	79.9331	49.4661
95	81.4309	48.9286	81.2166	40.2835	81.0008	49.6374	80.7835	49.9903
96	82.2881	49.4437	82.0715	49.8022	81.8535	50.1599	81.6338	50.5165
97	83.1452	49.9587	82.9264	50.3210	82.7061	50.6824	82.4842	51.0427
98	84.0024	50.4737	83.7814	50.8398	83.5587	51.2049	83.3345	51.5690
99	84.8596	50.9888	84.6363	51.3586	84.4114	51.7274	84.1849	52.0952
100	85.7167	51.5038	85.4912	51.8773	85.2640	52.2499	85.0352	52.6214

No.	32	58	32¼	57¾	32½	57½	32¾	57¼
1	,8480	,5299	,8457	,5336	,8434	,5373	,8410	,5410
2	1.6961	1.0598	1.6915	1.0672	1.6868	1.0746	1.6821	1.0819
3	2.5441	1.5898	2.5372	1.6008	2.5302	1.6119	2.5231	1.6229
4	3.3922	2.1197	3.3829	2.1345	3.3736	2.1492	3.3642	2.1639
5	4.2402	2.6496	4.2286	2.6681	4.2170	2.6865	4.2052	2.7049
6	5.0883	3.1795	5.0744	3.2017	5.0603	3.2238	5.0462	3.2458
7	5.9363	3.7094	5.9201	3.7353	5.9037	3.7611	5.8873	3.7868
8	6.7844	4.2394	6.7658	4.2689	6.7471	4.2984	6.7283	4.3278
9	7.6324	4.7693	7.6116	4.8025	7.5905	4.8357	7.5694	4.8688
10	8.4805	5.2992	8.4573	5.3361	8.4339	5.3730	8.4104	5.4097
11	9.3285	5.8291	9.3030	5.8698	9.2773	5.9103	9.2514	5.9507
12	10.1766	6.3590	10.1487	6.4034	10.1207	6.4476	10.0925	6.4917
13	11.0246	6.8890	10.9945	6.9370	10.9641	6.9849	10.9335	7.0327
14	11.8727	7.4189	11.8402	7.4706	11.8075	7.5222	11.7745	7.5736
15	12.7207	7.9488	12.6859	8.0042	12.6509	8.0595	12.6156	8.1146
16	13.5688	8.4787	13.5316	8.5378	13.4943	8.5968	13.4566	8.6556
17	14.4168	9.0086	14.3774	9.0714	14.3377	9.1341	14.2977	9.1966
18	15.2649	9.5385	15.2231	9.6051	15.1810	9.6714	15.1387	9.7375
19	16.1129	10.0685	16.0688	10.1387	16.0244	10.2087	15.9797	10.2785
20	16.9610	10.5984	16.9146	10.6723	16.8678	10.7460	16.8208	10.8195
21	17.8090	11.1283	17.7603	11.2059	17.7112	11.2833	17.6618	11.3605
22	18.6571	11.6582	18.6060	11.7395	18.5546	11.8206	18.5029	11.9014
23	19.5051	12.1881	19.4517	12.2731	19.3980	12.3579	19.3439	12.4424
24	20.3532	12.7181	20.2975	12.8067	20.2414	12.8952	20.1849	12.9834
25	21.2012	13.2480	21.1432	13.3404	21.0848	13.4325	21.0260	12.5244
26	22.0493	13.7779	21.9889	13.8740	21.9282	13.9698	21.8670	14.0653
27	22.8973	14.3078	22.8347	14.4076	22.7716	14.5071	22.7081	14.6063
28	23.7453	14.8377	23.6804	14.9412	23.6150	15.0444	23.5491	15.1473
29	24.5934	15.3677	24.5261	15.4748	24.4584	15.5817	24.3901	15.6883
30	25.4414	15.8976	25.3718	16.0084	25.3017	16.1190	25.2312	16.2292
31	26.2895	16.4275	26.2176	16.5420	26.1451	16.6563	26.0722	16.7702
32	27.1375	16.9574	27.0633	17.0757	26.9885	17.1936	26.9132	17.3112
33	27.9856	17.4873	27.9090	17.6093	27.8319	17.7309	27.7543	17.8522
34	28.8336	18.0173	28.7547	18.1429	28.6753	18.2682	28.5953	18.3931
35	29.6817	18.5472	29.6005	18.6765	29.5187	18.8055	29.4364	18.9341
36	30.5297	19.0771	30.4462	19.2101	30.3621	19.3428	30.2774	19.4751
37	31.3778	19.6070	31.2919	19.7437	31.2055	19.8801	31.1184	20.0161
38	32.2258	20.1369	32.1377	20.2774	32.0489	20.4174	31.9595	20.5570
39	33.0739	20.6669	32.9834	20.8110	32.8923	20.9547	32.8005	21.0980
40	33.9219	21.1968	33.8291	21.3446	33.7357	21.4920	33.6416	21.6390
41	34.7700	21.7267	34.6748	21.8782	34.5790	22.0293	34.4826	22.1800
42	35.6180	22.2566	35.5206	22.4118	35.4224	22.5666	35.3236	22.7209
43	36.4661	22.7865	36.3663	22.9454	36.2658	23.1039	36.1647	23.2619
44	37.3141	23.3164	37.2120	23.4790	37.1092	23.6412	37.0057	23.8029
45	38.1622	23.8464	38.0578	24.0127	37.9526	24.1785	37.8468	24.3439
46	39.0102	24.3763	38.9035	24.5463	38.7960	24.7158	38.6878	24.8848
47	39.8583	24.9062	39.7492	25.0799	39.6394	25.2531	39.5288	25.4258
48	40.7063	25.4361	40.5949	25.6135	40.4828	25.7904	40.3699	25.9668
49	41.5544	25.9660	41.4407	26.1471	41.3262	26.3277	41.2109	26.5078
50	42.4024	26.4960	42.2864	26.6807	42.1696	26.8650	42.0520	27.0487

No.	32	58	32¼	57¾	32½	57½	32¾	57¼
51	43.2505	27.0259	43.1321	27.2143	43.0130	27.4023	42.8930	27.5897
52	44.0985	27.5558	43.9778	27.7480	43.8564	27.9396	43.7340	28.1307
53	44.9465	28.0857	44.8236	28.2816	44.6997	28.4769	44.5751	28.6716
54	45.7946	28.6156	45.6693	28.8152	45.5431	29.0142	45.4161	29.2126
55	46.6426	29.1456	46.5150	29.3488	46.3865	29.5515	46.2571	29.7536
56	47.4907	29.6755	47.3608	29.8824	47.2299	30.0888	47.0982	30.2946
57	48.3387	30.2054	48.2065	30.4160	48.0733	30.6261	47.9392	30.8355
58	49.1868	30.7353	49.0522	30.9496	48.9167	31.1634	48.7803	31.3765
59	50.0348	31.2652	49.8979	31.4833	49.7601	31.7007	49.6213	31.9175
60	50.8829	31.7952	50.7437	32.0169	50.6035	32.2380	50.4623	32.4585
61	51.7309	32.3251	51.5894	32.5505	51.4469	32.7753	51.3034	32.9994
62	52.5790	32.8550	52.4351	33.0841	52.2903	33.3126	52.1444	33.5404
63	53.4270	33.3849	53.2809	33.6177	53.1337	33.8499	52.9855	34.0814
64	54.2751	33.9148	54.1266	34.1513	53.9770	34.3872	53.8265	34.6224
65	55.1231	34.4448	54.9723	34.6849	54.8204	34.9245	54.6675	35.1633
66	55.9712	34.9747	55.8180	35.2186	55.6638	35.4618	55.5086	35.7043
67	56.8192	35.5046	56.6638	35.7522	56.5072	35.9991	56.3496	36.2453
68	57.6673	36.0345	57.5095	36.2858	57.3506	36.5364	57.1907	36.7863
69	58.5153	36.5644	58.3552	36.8194	58.1940	37.0737	58.0317	37.3272
70	59.3634	37.0944	59.2009	37.3530	59.0374	37.6110	58.8727	37.8682
71	60.2114	37.6243	60.0467	37.8866	59.8808	38.1483	59.7138	38.4092
72	61.0595	38.1542	60.8924	38.4202	60.7242	38.6856	60.5548	38.9502
73	61.9075	38.6841	61.7381	38.9539	61.5676	39.2229	61.3958	39.4911
74	62.7556	39.2140	62.5839	39.4875	62.4110	39.7602	62.2369	40.0321
75	63.6036	39.7439	63.4296	40.0211	63.2544	40.2975	63.0779	40.5731
76	64.4517	40.2739	64.2753	40.5547	64.0977	40.8348	63.9190	41.1141
77	65.2997	40.8038	65.1210	41.0883	64.9411	41.3721	64.7600	41.6550
78	66.1478	41.3337	65.9668	41.6219	65.7845	41.9094	65.6010	42.1960
79	66.9958	41.8636	66.8125	42.1555	66.6279	42.4467	66.4421	42.7370
80	67.8438	42.3935	67.6582	42.6892	67.4713	42.9840	67.2831	43.2780
81	68.6919	42.9235	68.5040	43.2228	68.3147	43.5213	68.1242	43.8189
82	69.5399	43.4534	69.3497	43.7564	69.1581	44.0586	68.9652	44.3599
83	70.3880	43.9833	70.1954	44.2900	70.0015	44.5959	69.8062	44.9009
84	71.2360	44.5132	71.0411	44.8236	70.8449	45.1332	70.6473	45.4419
85	72.0841	45.0431	71.8869	45.3572	71.6883	45.6705	71.4883	45.9828
86	72.9321	45.5731	72.7326	45.8908	72.5317	46.2078	72.3294	46.5238
87	73.7802	46.1030	73.5783	46.4245	73.3751	46.7451	73.1704	47.0648
88	74.6282	46.6329	74.4240	46.9581	74.2184	47.2824	74.0114	47.6058
89	75.4763	47.1628	75.2698	47.4917	75.0618	47.8197	74.8525	48.1467
90	76.3243	47.6927	76.1155	48.0253	75.9052	48.3570	75.6935	48.6877
91	77.1724	48.2227	76.9612	48.5589	76.7486	48.8943	76.5345	49.2287
92	78.0204	48.7526	77.8070	49.0925	77.5920	49.4316	77.3756	49.7697
93	78.8685	49.2825	78.6527	49.6261	78.4354	49.9689	78.2166	50.3106
94	79.7165	49.8124	79.4984	50.1598	79.2788	50.5062	79.0577	50.8516
95	80.5646	50.2423	80.3441	50.6934	80.1222	51.0435	79.8987	51.3926
96	81.4126	50.8723	81.1899	51.2270	80.9656	51.5808	80.7397	51.9336
97	82.2607	51.4022	82.0356	51.7606	81.8090	52.1181	81.5808	52.4745
98	83.1087	51.9321	82.8813	52.2942	82.6524	52.6554	82.4218	53.0155
99	83.9568	52.4620	83.7271	52.8278	83.4957	53.1927	83.2629	53.5565
100	84.8048	52.9919	84.5728	53.3615	84.3391	53.7300	84.1039	54.0975

No	33	57	33¼	56¾	33½	56½	33¾	56¼
1	,8387	,5446	,8363	,5483	,8339	,5519	,8315	,5556
2	1.6773	1.0893	1.6726	1.0966	1.6678	1.1039	1.6629	1.1111
3	2.5160	1.6339	2.5089	1.6449	2.5017	1.6558	2.4944	1.6667
4	3.3547	2.1786	3.3451	2.1932	3.3355	2.2077	3.3259	2.2223
5	4.1934	2.7232	4.1814	2.7415	4.1694	2.7597	4.1573	2.7779
6	5.0320	3.2678	5.0177	3.2898	5.0033	3.3116	4.9888	3.3334
7	5.8707	3.8125	5.8540	3.8381	5.8372	3.8636	5.8203	3.8890
8	6.7094	4.3571	6.6903	4.3863	6.6711	4.4155	6.6518	4.4446
9	7.5480	4.9018	7.5266	4.9346	7.5050	4.9674	7.4832	5.0001
10	8.3867	5.4464	8.3629	5.4829	8.3389	5.5194	8.3147	5.5557
11	9.2254	5.9910	9.1991	6.0312	9.1727	6.0713	9.1462	6.1113
12	10.0640	6.5357	10.0354	6.5795	10.0066	6.6232	9.9776	6.6668
13	10.9027	7.0803	10.8717	7.1278	10.8405	7.1752	10.8091	7.2224
14	11.7414	7.6249	11.7080	7.6761	11.6744	7.7271	11.6406	7.7780
15	12.5801	8.1696	12.5443	8.2244	12.5083	8.2791	12.4720	8.3336
16	13.4187	8.7142	13.3806	8.7727	13.3422	8.8310	13.3035	8.8891
17	14.2574	9.2589	14.2169	9.3210	14.1761	9.3829	14.1350	9.4447
18	15.0961	9.8035	15.0531	9.8693	15.0099	9.9349	14.9665	10.0003
19	15.9347	10.3481	15.8894	10.4176	15.8438	10.4868	15.7979	10.5558
20	16.7734	10.8928	16.7257	10.9659	16.6777	11.0387	16.6294	11.1114
21	17.6121	11.4374	17.5620	11.5142	17.5116	11.5907	17.4609	11.6670
22	18.4508	11.9821	18.3983	12.0625	18.3455	12.1426	18.2923	12.2225
23	19.2894	12.5267	19.2346	12.6107	19.1794	12.6946	19.1238	12.7781
24	20.1281	13.0713	20.0709	13.1590	20.0133	13.2465	19.9553	13.3337
25	20.9668	13.6160	20.9072	13.7073	20.8471	13.7984	20.7867	13.8893
26	21.8054	14.1606	21.7434	14.2556	21.6810	14.3504	21.6182	14.4448
27	22.6441	14.7053	22.5797	14.8039	22.5149	14.9023	22.4497	15.0004
28	23.4828	15.2499	23.4160	15.3522	23.3488	15.4542	23.2811	15.5560
29	24.3214	15.7945	24.2523	15.9005	24.1827	16.0062	24.1126	16.1115
30	25.1601	16.3392	25.0886	16.4488	25.0166	16.5581	24.9441	16.6671
31	25.9988	16.8838	25.9249	16.9971	25.8505	17.1100	25.7756	17.2227
32	26.8375	17.4284	26.7612	17.5454	26.6843	17.6620	26.6070	17.7782
33	27.6761	17.9731	27.5974	18.0937	27.5182	18.2139	27.4385	18.3338
34	28.5148	18.5177	28.4337	18.6420	28.3521	18.7659	28.2700	18.8894
35	29.3535	19.0624	29.2700	19.1903	29.1860	19.3178	29.1014	19.4450
36	30.1921	19.6070	30.1063	19.7386	30.0199	19.8697	29.9329	20.0005
37	31.0308	20.1516	30.9426	20.2868	30.8538	20.4217	30.7644	20.5561
38	31.8695	20.6963	31.7789	20.8351	31.6877	20.9736	31.5958	21.1117
39	32.7082	21.2409	32.6152	21.3834	32.5215	21.5255	32.4273	21.6672
40	33.5468	21.7856	33.4514	21.9317	33.3554	22.0775	33.2588	22.2228
41	34.3855	22.3302	34.2877	22.4800	34.1893	22.6294	34.0903	22.7784
42	35.2242	22.8748	35.1240	23.0283	35.0232	23.1814	34.9217	23.3339
43	36.0628	23.4195	35.9603	23.5766	35.8571	23.7333	35.7532	23.8895
44	36.9015	23.9641	36.7966	24.1249	36.6910	24.2852	36.5847	24.4451
45	37.7402	24.5088	37.6329	24.6732	37.5249	24.8372	37.4161	25.0007
46	38.5788	25.0534	38.4692	25.2215	38.3587	25.3891	38.2476	25.5562
47	39.4175	25.5980	39.3054	25.7698	39.1926	25.9410	39.0791	26.1118
48	40.2562	26.1427	40.1417	26.3181	40.0265	26.4930	39.9105	26.6674
49	41.0949	26.6873	40.9780	26.8664	40.8604	27.0449	40.7420	27.2229
50	41.9335	27.2320	41.8143	27.4147	41.6943	27.5968	41.5735	27.7785

No.	33	57	33¼	56¾	33½	56½	33¾	56¼
51	42.7722	27.7706	42.6506	27.9630	42.5282	28.1488	42.4049	28.3341
52	43.6109	28.3212	43.4869	28.5112	43.3621	28.7007	43.2364	28.8897
53	44.4495	28.8659	44.3232	29.0595	44.1959	29.2527	44.0679	29.4452
54	45.2882	29 4105	45.1594	29.6078	45.0298	29.8046	44.8994	30.0008
55	46.1269	29.9551	45.9957	30.1561	45.8637	30.3565	45.7308	30.5564
56	46.9656	30.4998	46.8320	30.7044	46.6976	30.9085	46.5623	31.1119
57	47.8042	31.0444	47.6683	31.2527	47.5315	31.4604	47.3938	31.6675
58	48.6429	31.5891	48.5046	31.8010	48.3654	32.0123	48.2252	32.2231
59	49.4816	32.1337	49.3409	32.3493	49.1993	32.5643	49.0567	32.7786
60	50.3202	32.6783	50.1772	32.8976	50.0331	33.1162	49.8882	33.3342
61	51.1589	33.2230	51.0135	33.4459	50.8670	33.6682	50.7196	33.8898
62	51.9976	33.7676	51.8497	33.9942	51.7009	34.2201	51.5511	34.4454
63	52.8362	34.3123	52.6860	34.5425	52.5348	34.7720	52.3826	35.0009
64	53.6749	34.8569	53.5223	35.0908	53.3687	35.3240	53.2141	35.5565
65	54.5136	35.4015	54.3586	35.6391	54.2026	35.8759	54.0455	36.1121
66	55.3523	35.9462	55.1949	36.1874	55.0365	36.4278	54.8770	36.6676
67	56 1909	36.4908	56.0312	36.7356	55.8703	36.9798	55.7085	37.2232
68	57.0296	37.0355	56.8675	37.2839	56.7042	37.5317	56.5399	37.7788
69	57.8683	37.5801	57.7037	37.8322	57.5381	38.0837	57.3714	38.3343
70	58.7069	38.1247	58.5400	38.3805	58.3720	38.6356	58.2029	38.8899
71	59.5456	38.6694	59.3763	38.9288	59.2059	39.1875	59.0343	39.4455
72	60.3843	39.2140	60.2126	39.4771	60.0398	39.7395	59.8658	40.0011
73	61.2230	39.7586	61.0489	40.0254	60.8737	40.2914	60.6973	40.5566
74	62.0616	40.3033	61.8852	40.5737	61.7075	40.8433	61.5288	41.1122
75	62.9002	40.8479	62.7215	41.1220	62.5414	41.3953	62.3602	41.6678
76	63.7390	41.3926	63.5577	41.6703	63.3753	41.9472	63.1917	42.2233
77	64.5776	41.9372	64.3940	42.2186	64.2092	42.4991	64.0232	42.7789
78	65.4163	42.4818	65.2303	42.7669	65.0431	43.0511	64.8546	43.3345
79	66.2550	43.0265	66.0666	43.3152	65.8770	43.6030	65.6861	43.8900
80	67.0936	43.5711	66.9029	43.8635	66.7109	44.1550	66.5176	44.4456
81	67.9323	44.1158	67.7392	44.4117	67.5447	44.7069	67.3490	45.0012
82	68.7710	44.6604	68.5755	44.9600	68.3786	45.2588	68.1805	45.5568
83	69.6097	45.2050	69.4117	45.5083	69.2125	45.8108	69.0120	46.1123
84	70.4483	45.7497	70.2480	46.0566	70.0464	46.3627	69.8434	46.6679
85	71.2870	46.2943	71.0843	46.6049	70.8803	46.9146	70.6749	47.2235
86	72.1257	46.8390	71.9206	47.1532	71.7142	47.4666	71.5064	47.7790
87	72.9643	47.3836	72.7569	47.7015	72.5481	48.0185	72.3379	48.3346
88	73.8030	47.9282	73.5932	48.2498	73.3820	48.5705	73.1693	48 8902
89	74.6417	48.4729	74.4295	48.7981	74.2158	49.1224	74.0008	49.4457
90	75.4804	49.0175	75.2657	49.3464	75.0497	49.6743	74.8323	50.0013
91	76.3190	49.5621	76.1020	49.8947	75.8836	50.2263	75.6637	50.5569
92	77.1577	50.1068	76.9383	50.4430	76.7175	50.7782	76.4952	51.1125
93	77.9964	50.6514	77.7746	50.9913	77.5514	51.3301	77.3267	51.6680
94	78.8350	51.1961	78.6109	51.5396	78.3853	51.8821	78.1581	52.2236
95	79.6737	51.7407	79.4472	52.0879	79.2192	52.4340	78.9896	52.7792
96	80.5124	52.2853	80.2835	52.6361	80.0530	52.9860	79.8211	53.3347
97	81.3510	52.8300	81.1198	53.1844	80.8869	53.5379	80.6526	53.8903
98	82.1897	53.3746	81.9560	53.7327	81.7208	54.0898	81.4840	54.4459
99	83.0284	53.9193	82.7923	54.2810	82.5547	54.6418	82.3155	55.0014
100	83.8671	54.4639	83.6286	54.8293	83.3886	55.1937	83.1470	55.5570

No	34	56	34¼	55¾	34½	55½	34¾	55¼
1	,8290	,5592	,8266	,5628	,8241	,5664	,8216	,5700
2	1.6581	1.1184	1.6532	1.1256	1.6483	1.1328	1.6433	1.1400
3	2.4871	1.6776	2.4798	1.6884	2.4724	1.6992	2.4649	1.7100
4	3.3162	2.2368	3.3064	2.2512	3.2965	2.2656	3.2866	2.2800
5	4.1452	2.7960	4.1329	2.8140	4.1206	2.8320	4.1082	2.8500
6	4.9742	3.3552	4.9595	3.3768	4.9448	3.3984	4.9299	3.4200
7	5.8033	3.9144	5.7861	3.9396	5.7689	3.9648	5.7515	3.9900
8	6.6323	4.4735	6.6127	4.5024	6.5930	4.5312	6.5732	4.5600
9	7.4613	5.0327	7.4393	5.0652	7.4171	5.0977	7.3948	5.1300
10	8.2904	5.5919	8.2659	5.6280	8.2413	5.6641	8.2165	5.7000
11	9.1194	6.1511	9.0925	6.1909	9.0654	6.2305	9.0381	6.2700
12	9.9485	6.7103	9.9191	6.7537	9.8895	6.7969	9.8598	6.8400
13	10.7775	7.2695	10.7457	7.3165	10.7136	7.3633	10.6814	7.4100
14	11.6065	7.8287	11.5723	7.8793	11.5378	7.9297	11.5031	7.9800
15	12.4356	8.3879	12.3988	8.4421	12.3619	8.4961	12.3247	8.5500
16	13.2646	8.9471	13.2254	9.0049	13.1860	9.0625	13.1464	9.1199
17	14.0936	9.5063	14.0520	9.5677	14.0101	9.6289	13.9680	9.6899
18	14.9227	10.0655	14.8786	10.1305	14.8343	10.1953	14.7896	10.2599
19	15.7517	10.6247	15.7052	10.6933	15.6584	10.7617	15.6113	10.8299
20	16.5808	11.1839	16.5318	11.2561	16.4825	11.3281	16.4329	11.3999
21	17.4098	11.7431	17.3584	11.8189	17.3067	11.8945	17.2546	11.9699
22	18.2388	12.3022	18.1850	12.3817	18.1308	12.4609	18.0762	12.5399
23	19.0679	12.8614	19.0116	12.9445	18.9549	13.0273	18.8979	13.1099
24	19.8969	13.4206	19.8382	13.5073	19.7790	13.5937	19.7195	13.6799
25	20.7259	13.9798	20.6647	14.0701	20.6032	14.1602	20.5412	14.2499
26	21.5550	14.5390	21.4913	14.6329	21.4273	14.7266	21.3628	14.8199
27	22.3840	15.0982	22.3179	15.1957	22.2514	15.2930	22.1845	15.3899
28	23.2131	15.6574	23.1445	15.7585	23.0755	15.8594	23.0061	15.9599
29	24.0421	16.2166	23.9711	16.3213	23.8997	16.4258	23.8278	16.5299
30	24.8711	16.7758	24.7977	16.8841	24.7238	16.9922	24.6494	17.0999
31	25.7002	17.3350	25.6243	17.4470	25.5479	17.5586	25.4711	17.6699
32	26.5292	17.8942	26.4509	18.0098	26.3720	18.1250	26.2927	18.2399
33	27.3582	18.4534	27.2775	18.5726	27.1962	18.6914	27.1144	18.8099
34	28.1873	19.0126	28.1040	19.1354	28.0203	19.2578	27.9360	19.3799
35	29.0163	19.5718	28.9306	19.6982	28.8444	19.8242	28.7576	19.9499
36	29.8454	20.1309	29.7572	20.2610	29.6685	20.3906	29.5793	20.5199
37	30.6744	20.6901	30.5838	20.8238	30.4927	20.9570	30.4009	21,0899
38	31.5034	21.2493	31.4104	21.3866	31.3168	21.5234	31.2226	21.6599
39	32.3325	21.8085	32.2370	21.9494	32.1409	22.0898	32.0442	22.2299
40	33.1615	22.3677	33.0636	22.5122	32.9651	22.6562	32.8659	22.7999
41	33.9905	22.9269	33.8902	23.0750	33.7892	23.2227	33.6875	23.3699
42	34.8196	23.4861	34.7168	23.6378	34.6133	23.7891	34.5092	23.9399
43	35.6486	24.0453	35.5434	24.2006	35.4374	24.3555	35.3308	24.5099
44	36.4777	24.6045	36.3699	24.7634	36.2616	24.9219	36.1525	25.0799
45	37.3067	25.1637	37.1965	25.3262	37.0857	25.4883	36.9741	25.6499
46	38.1357	25.7229	38.0231	25.8890	37.9098	26.0547	37.7958	26.2199
47	38.9648	26.2821	38.8497	26.4518	38.7339	26.6211	38.6174	26.7898
48	39.7938	26.8413	39.6763	27.0146	39.5581	27.1875	39.4391	27.3598
49	40.6228	27.4005	40.5029	27.5774	40.3822	27.7539	40.2607	27.9298
50	41.4519	27.9596	41.3295	28.1402	41.2063	28.3203	41.0823	28.4998

No	34	56	34¼	55¾	34½	55½	34¾	55¼
51	42.2809	28.5188	42.1561	28.7030	42.0304	28.8867	41.9040	29.0698
52	43.1100	29.0780	42.9827	29.2659	42.8546	29.4531	42.7526	29.6398
53	43.9390	29.6372	43.8093	29.8287	43.6787	30.0195	43.5473	30.2098
54	44.7680	30.1964	44.6358	30.3915	44.5028	30.5859	44.3689	30.7798
55	45.5971	30.7556	45.4624	30.9543	45.3269	31.1523	45.1906	31.3498
56	46.4261	31.3148	46.2890	31.5171	46.1511	31.7187	46.0122	31.9198
57	47.2551	31.8740	47.1156	32.0799	46.9752	32.2852	46.8339	32.4898
58	48.0842	32.4332	47.9422	32.6427	47.7993	32.8516	47.6555	33.0598
59	48.9132	32.9924	48.7688	33.2055	48.6234	33.4180	48.4772	33.6298
60	49.7423	33.5516	49.5954	33.7683	49.4476	33.9844	49.2988	34.1998
61	50.5713	34.1108	50.4220	34.3311	50.2717	34.5508	50.1205	34.7698
62	51.4003	34.6700	51.2486	34.8939	51.0958	35.1172	50.9421	35.3398
63	52.2294	35.2292	52.0752	35.4567	51.9200	35.6836	51.7638	35.9098
64	53.0584	35.7883	52.9017	36.0195	52.7441	36.2500	52.5854	36.4798
65	53.8874	36.3475	53.7283	36.5823	53.5682	36.8164	53.4070	37.0498
66	54.7165	36.9067	54.5549	37.1451	54.3923	37.3828	54.2287	37.6198
67	55.5455	37.4659	55.3815	37.7079	55.2165	37.9492	55.0503	38.1898
68	56.3746	38.0251	56.2081	38.2707	56.0406	38.5156	55.8720	38.7598
69	57.2036	38.5843	57.0347	38.8335	56.8647	39.0820	56.6936	39.3298
70	58.0326	39.1435	57.8613	39.3963	57.6888	39.6484	57.5153	39.8998
71	58.8617	39.7027	58.6879	39.9591	58.5130	40.2148	58.3369	40.4698
72	59.6907	40.2619	59.5145	40.5220	59.3371	40.7812	59.1586	41.0398
73	60.5197	40.8211	60.3410	41.0848	60.1612	41.3477	59.9802	41.6098
74	61.3488	41.3803	61.1676	41.6476	60.9853	41.9141	60.8019	42.1798
75	62.1778	41.9395	61.9942	42.2104	61.8095	42.4805	61.6235	42.7498
76	63.0069	42.4987	62.8208	42.7732	62.6336	43.0469	62.4452	43.3198
77	63.8359	43.0579	63.6474	43.3360	63.4577	43.6133	63.2668	43.8898
78	64.6649	43.6170	64.4740	43.8988	64.2818	44.1797	64.0885	44.4598
79	65.4940	44.1762	65.3006	44.4616	65.1060	44.7461	64.9101	45.0297
80	66.3230	44.7354	66.1272	45.0244	65.9301	45.3125	65.7318	45.5997
81	67.1520	45.2946	66.9538	45.5872	66.7542	45.8789	66.5534	46.1697
82	67.9811	45.8538	67.7804	46.1500	67.5783	46.4453	67.3750	46.7397
83	68.8101	46.4130	68.6069	46.7128	68.4025	47.0117	68.1967	47.3097
84	69.6392	46.9722	69.4335	47.2756	69.2266	47.5781	69.0183	47.8797
85	70.4682	47.5314	70.2601	47.8384	70.0507	48.1445	69.8400	48.4497
86	71.2972	48.0906	71.0867	48.4012	70.8749	48.7109	70.6616	49.0197
87	72.1263	48.6498	71.9133	48.9640	71.6990	49.2773	71.4833	49.5897
88	72.9553	49.2090	72.7399	49.5268	72.5231	49.8437	72.3049	50.1597
89	73.7843	49.7682	73.5665	50.0896	73.3472	50.4102	73.1266	50.7297
90	74.6134	50.3274	74.3931	50.6524	74.1714	50.9766	73.9482	51.2997
91	75.4424	50.8866	75.2197	51.2152	74.9955	51.5430	74.7699	51.8697
92	76.2715	51.4457	76.0463	51.7781	75.8196	52.1094	75.5915	52.4397
93	77.1005	52.0049	76.8728	52.3409	76.6437	52.6758	76.4132	53.0097
94	77.9295	52.5641	77.6994	52.9037	77.4679	53.2422	77.2348	53.5797
95	78.7586	53.1233	78.5260	53.4665	78.2920	53.8086	78.0565	54.1497
96	79.5876	53.6825	79.3526	54.0293	79.1161	54.3750	78.8781	54.7197
97	80.4166	54.2417	80.1792	54.5921	79.9402	54.9414	79.6997	55.2897
98	81.2457	54.8009	81.0058	55.1549	80.7644	55.5078	80.5214	55.8597
99	82.0747	55.3601	81.8324	55.7177	81.5885	56.0742	81.3430	56.4297
100	82.9038	55.9193	82.6590	56.2805	82.4126	56.6406	82.1647	56.9997

No.	35	55	35¼	54¾	35½	54½	35¾	54¼
1	,8192	,5736	,8166	,5771	,8141	,5807	,8116	,5842
2	1.6383	1.1472	1.6333	1.1543	1.6282	1.1614	1.6231	1.1685
3	2.4575	1.7207	2.4499	1.7314	2.4423	1.7421	2.4347	1.7527
4	3.2766	2.2943	3.2666	2.3086	3.2565	2.3228	3.2463	2.3370
5	4.0958	2.8679	4.0832	2.8857	4.0706	2.9035	4.0579	2.9212
6	4.9149	3.4415	4.8998	3.4629	4.8847	3.4842	4.8694	3.5055
7	5.7341	4.0150	5.7165	4.0400	5.6988	4.0649	5.6810	4.0897
8	6.5532	4.5886	6.5331	4.6172	6.5129	4.6456	6.4926	4.6740
9	7.3724	5.1622	7.3498	5.1943	7.3270	5.2263	7.3042	5.2582
10	8.1915	5.7358	8.1664	5.7715	8.1412	5.8070	8.1157	5.8425
11	9.0107	6.3093	8.9831	6.3486	8.9553	6.3877	8.9273	6.4267
12	9.8298	6.8829	9.7997	6.9257	9.7694	6.9684	9.7389	7.0110
13	10.6490	7.4565	10.6163	7.5029	10.5835	7.5491	10.5505	7.5952
14	11.4681	8.0301	11.4330	8.0800	11.3976	8.1298	11.3620	8.1795
15	12.2873	8.6036	12.2496	8.6572	12.2117	8.7105	12.1736	8.7637
16	13.1064	9.1772	13.0663	9.2343	13.0258	9.2912	12.9852	9.3480
17	13.9256	9.7508	13.8829	9.8115	13.8400	9.8720	13.7968	9.9322
18	14.7447	10.3244	14.6995	10.3886	14.6541	10.4527	14.6083	10.5165
19	15.5639	10.8980	15.5162	10.9658	15.4682	11.0334	15.4199	11.1007
20	16.3830	11.4715	16.3328	11.5429	16.2823	11.6141	16.2315	11.6850
21	17.2022	12.0451	17.1495	12.1200	17.0964	12.1948	17.0431	12.2692
22	18.0213	12.6187	17.9661	12.6972	17.9105	12 7755	17.8546	12.8535
23	18.8405	13.1923	18.7828	13.2743	18.7247	13.3562	18.6662	13.4377
24	19 6597	13.7658	19.5994	13.8515	19.5388	13.9369	19.4778	14.0220
25	20.4788	14.3394	20.4160	14.4286	20.3529	14.5176	20.2894	14.6062
26	21 2980	14.9130	21.2327	15.0058	21.1670	15.0983	21.1009	15.1905
27	22.1171	15.4866	22.0493	15.5829	21.9811	15.6790	21.9125	15.7747
28	22.9363	16.0601	22.8660	16.1601	22.7952	16.2597	22.7241	16.3590
29	23.7554	16.6337	23.6826	16.7372	23.6093	16.8404	23.5356	16.9432
30	24.5746	17.2073	24.4992	17.3144	24.4235	17.4211	24.3472	17.5275
31	25.3937	17.7809	25.3159	17.8915	25.2376	18.0018	25.1588	18.1117
32	26.2129	18.3544	26.1325	18.4686	26.0517	18.5825	25.9704	18.6960
33	27.0320	18.9280	26.9492	19.0458	26.8658	19.1632	26.7819	19 2802
34	27.8512	19.5016	27.7658	19.6229	27.6799	19.7439	27.5935	19.8645
35	28.6703	20.0752	28.5825	20.2001	28.4940	20.3246	28.4051	20.4487
36	29.4895	20.6488	29.3991	20.7772	29.3082	20.9053	29.2167	21.0330
37	30.3086	21.2223	30.2157	21.3544	30.1223	21.4860	30.0282	21.6172
38	31.1278	21.7959	31.0324	21.9315	30.9364	22.0667	30.8398	22.2015
39	31.9469	22.3695	31.8490	22.5087	31.7505	22.6474	31.6514	22.7857
40	32.7661	22.9431	32.6657	23.0858	32.5646	23.2281	32.4630	23.3700
41	33.5852	23.5166	33.4823	23.6630	33.3787	23.8088	33.2745	23.9542
42	34.4044	24.0902	34.2989	24.2401	34.1929	24.3895	34.0861	24.5385
43	35.2235	24.6638	35.1156	24.8172	35.0070	24.9702	34.8977	25.1227
44	36.0427	25.2374	35.9322	25.3944	35.8211	25.5509	35.7093	25.7070
45	36.8618	25.8109	36.7489	25.9715	36.6352	26.1316	36.5208	26.2912
46	37.6810	26.3845	37.5655	26.5487	37.4493	26.7123	37.3324	26.8755
47	38.5001	26.9581	38.3822	27.1258	38.2634	27 2930	38.1440	27.4597
48	39.3193	27.5317	39.1988	27.7030	39.0775	27.8737	38.9556	28.0440
49	40.1385	28.1052	40.0154	28 2801	39.8917	28.4544	39.7671	28.6282
50	40.9576	28.6788	40.8321	28.8573	40.7058	29.0352	40.5787	29.2125

No.	35	55	35¼	54¾	35½	54½	35¾	54¼
51	41.7768	29.2524	41.6487	29.4344	41.5199	29.6159	41.3903	29.7967
52	42.5959	29.8260	42.4654	30.0116	42.3340	30.1966	42.2018	30.3810
53	43.4151	30.3995	43.2820	30.5887	43.1481	30.7773	43.0134	30.9652
54	44.2342	30.9731	44.0986	31.1658	43.9622	31.3580	43.8250	31.5495
55	45.0534	31.5467	44.9153	31.7430	44.7764	31.9387	44.6366	32.1337
56	45.8725	32.1203	45.7319	32.3201	45.5905	32.5194	45.4481	32.7180
57	46.6917	32.6939	46.5486	32.8973	46.4046	33.1001	46.2597	33.3022
58	47.5108	33.2674	47.3652	33.4744	47.2187	33.6808	47.0713	33.8865
59	48.3300	33.8410	48.1818	34.0516	48.0328	34.2615	47.8829	34.4707
60	49.1491	34.4146	48.9985	34.6287	48.8469	34.8422	48.6944	35.0550
61	49.9683	34.9882	49.8151	35.2059	49.6610	35.4229	49.5060	35.6392
62	50.7874	35.5617	50.6318	35.7830	50.4752	36.0036	50.3176	36.2235
63	51.6066	36.1353	51.4484	36.3601	51.2893	36.5843	51.1292	36.8077
64	52.4257	36.7089	52.2651	36.9373	52.1034	37.1650	51.9407	37.3920
65	53.2449	37.2825	53.0817	37.5144	52.9175	37.7457	52.7523	37.9762
66	54.0640	37.8560	53.8983	38.0916	53.7316	38.3264	53.5639	38.5605
67	54.8832	38.4296	54.7150	38.6687	54.5457	38.9071	54.3755	39.1447
68	55.7023	39.0032	55.5316	39.2459	55.3599	39.4878	55.1870	39.7290
69	56.5215	39.5768	56.3483	39.8230	56.1740	40.0685	55.9986	40.3132
70	57.3406	40.1503	57.1649	40.4002	56.9881	40.6492	56.8102	40.8975
71	58.1598	40.7239	57.9815	40.9773	57.8022	41.2299	57.6218	41.4817
72	58.9790	41.2975	58.7982	41.5545	58.6163	41.8106	58.4333	42.0660
73	59.7981	41.8711	59.6148	42.1316	59.4304	42.3913	59.2449	42.6502
74	60.6173	42.4447	60.4315	42.7087	60.2445	42.9720	60.0565	43.2345
75	61.4364	43.0182	61.2481	43.2859	61.0587	43.5527	60.8681	43.8187
76	62.2556	43.5918	62.0648	43.8630	61.8728	44.1334	61.6796	44.4030
77	63.0747	44.1654	62.8814	44.4402	62.6869	44.7141	62.4912	44.9872
78	63.8939	44.7390	63.6980	45.0173	63 5010	45.2948	63.3028	45.5715
79	64.7130	45.3125	64.5147	45.5945	64.3151	45.8755	64.1143	46.1557
80	65.5322	45.8861	65.3313	46.1716	65.1292	46.4562	64.9259	46.7400
81	66.3513	46.4597	66.1480	46.7488	65.9434	47.0369	65.7375	47.3242
82	67.1705	47.0333	66.9646	47.3259	66.7575	47.6176	66.5491	47.9085
83	67.9896	47.6068	67.7812	47.9031	67.5716	48.1984	67.3606	48.4927
84	68.8088	48.1804	68.5979	48.4802	68.3857	48.7791	68.1722	49.0770
85	69.6279	48.7540	69.4145	49.0573	69.1998	49.3598	68.9838	49.6612
86	70.4471	49.3276	70.2312	49.6345	70.0139	49.9405	69.7954	50.2455
87	71.2662	49.9011	71.0478	50.2116	70.8280	50.5212	70.6069	50.8297
88	72.0854	50.4747	71.8645	50.7888	71.6422	51.1019	71.4185	51.4140
89	72.9045	51.0483	72.6811	51.3659	72.4563	51.6826	72.2301	51.9982
90	73.7237	51.6219	73.4977	51.9431	73.2704	52.2633	73.0417	52.5825
91	74.5428	52.1955	74.3144	52.5202	74.0845	52.8440	73.8532	53.1667
92	75.3620	52.7690	75.1310	53.0974	74.8986	53.4247	74.6648	53.7510
93	76.1811	53.3426	75.9477	53.6745	75.7127	54.0054	75.4764	54.3352
94	77.0003	53.9162	76.7643	54.2516	76.5269	54.5861	76.2880	54 9195
95	77.8194	54.4898	77.5809	54.8288	77.3410	55.1668	77.0995	55 5037
96	78.6386	55.0633	78.3976	55.4059	78.1551	55.7475	77.9111	56.0880
97	79.4578	55.6369	79.2142	55.9831	78.9692	56.3282	78.7227	56.6722
98	80.2769	56.2105	80.0309	56.5602	79.7833	56.9089	79.5343	57.2565
99	81.0961	56.7841	80.8475	57.1374	80.5974	57.4896	80.3458	57.8407
100	81.9152	57.3576	81.6642	57.7145	81.4116	58.0703	81.1574	58.4250

No.	36	54	36¼	53¾	36½	53½	36¾	53¼
1	,8090	,5878	,8064	,5913	,8039	,5948	,8013	,5983
2	1.6180	1.1756	1.6129	1.1826	1.6077	1.1896	1.6025	1.1966
3	2.4272	1.7634	2.4193	1.7739	2.4116	1.7845	2.4038	1.7950
4	3 2361	2.3511	3.2258	2.3652	3.2154	2.3793	3.2050	2.3933
5	4.0451	2.9389	4.0322	2.9565	4.0193	2.9741	4.0063	2.9916
6	4.8541	3.5267	4.8387	3.5479	4.8231	3.5689	4.8075	3.5899
7	5.6631	4.1145	5.6451	4.1392	5.6270	4.1638	5.6088	4.1883
8	6.4721	4.7023	6.4516	4.7305	6.4309	4.7586	6.4100	4.7866
9	7.2812	5.2901	7.2580	5.3218	7.2347	5.3534	7.2113	5.3849
10	8.0902	5.8779	8.0644	5.9131	8.0386	5.9482	8.0125	9.9832
11	8.8992	6.4656	8.8709	6.5044	8.8424	6.5431	8.8138	6.5816
12	9.7082	7.0534	9.6773	7.0957	9.6463	7.1379	9.6150	7.1799
13	10.5172	7.6412	10.4838	7.6870	10.4501	7.7327	10.4163	7.7782
14	11.3262	8.2290	11.2902	8.2783	11.2540	8.3275	11.2176	8.3765
15	12.1353	8.8168	12.0967	8.8696	12.0579	8.9223	12.0188	8.9749
16	12.9443	9.4046	12.9031	9 4610	12.8617	9.5172	12.8201	9.5732
17	13.7533	9.9924	13.7096	10.0523	13.6656	10.1120	13.6213	10.1715
18	14.5623	10.5801	14.5160	10.6436	14.4694	10.7068	14.4226	10.7698
19	15.3713	11.1679	15.3224	11.2349	15.2733	11.3016	15.2238	11.3682
20	16.1803	11.7557	16.1289	11.8262	16.0771	11.8965	16.0251	11.9665
21	16.9894	12.3435	16.9353	12.4175	16.8810	12.4913	16.8263	12.5648
22	17.7984	12.9313	17.7418	13.0088	17.6849	13.0861	17.6276	13.1631
23	18.6074	13.5191	18.5482	13.6001	18.4887	13.6809	18.4288	13.7615
24	19.4164	14.1068	19.3547	14.1914	19.2926	14.2757	19.2301	14.3598
25	20.2254	14.6946	20.1611	14.7827	20.0964	14.8706	20.0313	14.9581
26	21.0344	15.2824	20.9676	15.3740	20.9003	15.4654	20.8326	15.5564
27	21.8435	15.8702	21.7740	15.9654	21.7041	16.0602	21.6339	16.1548
28	22.6525	16.4580	22.5804	16.5567	22.5080	16.6550	22.4351	16.7531
29	23.4615	17.0458	23.3869	17.1480	23.3119	17.2499	23.2364	17.3514
30	24.2705	17.6336	24.1933	17.7393	24.1157	17.8447	24.0376	17 9497
31	25.0795	18.2213	24.9998	18.3306	24.9196	18.4395	24.8389	18.5481
32	25.8885	18,8091	25.8062	18.9219	25.7234	19.0343	25.6401	19.1464
33	26.6976	19.3969	26.6127	19.5132	26.5273	19.6292	26.4414	19.7447
34	27.5066	19.9847	27.4191	20.1045	27.3311	20.2240	27.2426	20.3430
35	28.3156	20.5725	28.2256	20.6958	28.1350	20.8188	28.0439	20.9414
36	29.1246	21.1603	29,0320	21.2871	28.9388	21.4136	28.8451	21.5397
37	29.9336	21.7481	29.8385	21,8785	29.7427	22.0084	29.6464	22.1380
38	30.7426	22.3358	30.6449	22.4698	30.5466	22.6033	30.4476	22.7363
39	31.5517	22.9236	31.4513	23.0611	31.3504	23.1981	31.2489	23.3347
40	32.3607	23.5114	32.2578	23.6524	32.1543	23.7929	32.0502	23.9330
41	33.1697	24.0992	33.0642	24.2437	32.9581	24.3877	32.8514	24.5313
42	33.9787	24.6870	33.8707	24.8350	33.7620	24.9826	33.6527	25.1296
43	34.7877	25.2748	34.6771	25.4263	34.5658	25.5774	34.4539	25.7280
44	35.5967	25.8626	35.4836	26.0176	35.3697	26.1722	35.2552	26.3263
45	36.4058	26.4503	36.2900	26.6089	36.1736	26.7670	36.0564	26.9246
46	37.2148	27.0381	37.0965	27.2002	36.9774	27.3618	36.8577	27.5229
47	38.0238	27.6259	37.9029	27.7916	37.7813	27.9567	37.6589	28.1213
48	38.8328	28.2137	38.7093	28.3829	38.5851	28.5515	38.4602	28.7196
49	39.6418	28.8015	39.5158	28.9742	39.3890	29.1463	39.2614	29.3179
50	40.4509	29.3893	40.3222	29.5655	40.1928	29.7411	40.0627	29.9162

No.	36	54	36¼	53¾	36½	53½	36¾	53¼
51	41.2599	29.9771	41.1287	30.1568	40.9967	30.3360	40.8639	30.5146
52	42.0689	30.5648	41.9351	30.7481	41.8006	30.9308	41.6652	31.1129
53	42.8779	31.1526	42.7416	31.3394	42.6044	31.5256	42.4665	31.7112
54	43.6869	31.7404	43.5480	31.9307	43.4083	32.1204	43.2677	32.3095
55	44.4959	32.3282	44.3545	32.5220	44.2121	32.7153	44.0690	32.9079
56	45.3050	32.9160	45.1609	33.1133	45.0160	33.3101	44.8702	33.5062
57	46.1140	33.5038	45.9673	33.7046	45.8198	33.9049	45.6715	34.1045
58	46.9230	34.0915	46.7738	34.2960	46.6237	34.4997	46.4727	34.7028
59	47.7320	34.6793	47.5802	34.8873	47.4276	35.0945	47.2740	35.3012
60	48.5410	35.2671	48.3867	35.4786	48.2314	35.6894	48.0752	35.8995
61	49.3500	35.8549	49.1931	36.0699	49.0353	36.2842	48.8765	36.4978
62	50.1591	36.4427	49.9996	36.6612	49.8391	36.8790	49.6777	37.0961
63	50.9681	37.0305	50.8060	37.2525	50.6430	37.4738	50.4790	37.6944
64	51.7771	37.6183	51.6125	37.8438	51.4468	38.0687	51.2802	38.2928
65	52.5861	38.2060	52.4189	38.4351	52.2507	38.6635	52.0815	38.8911
66	53.3951	38.7938	53.2253	39.0264	53.0546	39.3583	52.8828	39.4894
67	54.2041	39.3816	54.0318	39.6177	53.8584	39.8531	53.6840	40.0877
68	55.0132	39.9694	54.8382	40.2091	54.6623	40.4480	54.4853	40.6861
69	55.8222	40.5572	55.6447	40.8004	55.4661	41.0428	55.2865	41.2844
70	56.6312	41.1450	56.4511	41.3917	56.2700	41.6376	56.0878	41.8827
71	57.4402	41.7328	57.2576	41.9830	57.0738	42.2324	56.8890	42.4810
72	58.2492	42.3205	58.0640	42.5743	57.8777	42.8272	57.6903	43.0794
73	59.0582	42.9083	58.8705	43.1656	58.6816	43.4221	58.4915	43.6777
74	59.8673	43.4961	59.6769	43.7569	59.4854	44.0169	59.2928	44.2760
75	60.6763	44.0839	60.4833	44.3482	60.2893	44.6117	60.0940	44.8743
76	61.4853	44.6717	61.2898	44.9395	61.0931	45.2065	60.8953	45.4727
77	62.2943	45.2595	62.0962	45.5308	61.8970	45.8014	61.6965	46.0710
78	63.1033	45.8473	62.9027	46.1221	62.7008	46.3962	62.4978	46.6693
79	63.9123	46.4350	63.7091	46.7135	63.5047	46.9910	63.2991	47.2676
80	64.7214	47.0228	64.5156	47.3048	64.3086	47.5858	64.1003	47.8660
81	65.5304	47.6106	65.3220	47.8961	65.1124	48.1806	64.9016	48.4643
82	66.3394	48.1984	66.1285	48.4874	65.9163	48.7755	65.7028	49.0626
83	67.1484	48.7862	66.9349	49.0787	66.7201	49.3703	66.5041	49.6609
84	67.9574	49.3740	67.7413	49.6700	67.5240	49.9651	67.3053	50.2593
85	68.7664	49.9618	68.5478	50.2613	68.3278	50.5599	68.1066	50.8576
86	69.5755	50.5495	69.3542	50.8526	69.1317	51.1548	68.9078	51.4559
87	70.3845	51.1373	70.1607	51.4439	69.9356	51.7496	69.7091	52.0542
88	71.1935	51.7251	70.9671	52.0352	70.7394	52.3444	70.5103	52.6526
89	72.0025	52.3129	71.7736	52.6266	71.5433	52.9392	71.3116	53.2509
90	72.8115	52.9007	72.5800	53.2179	72.3471	53.5341	72.1128	53.8492
91	73.6205	53.4885	73.3865	53.8092	73.1510	54.1289	72.9141	54.4475
92	74.4296	54.0762	74.1929	54.4005	73.9548	54.7237	73.7153	55.0459
93	75.2386	54.6640	74.9993	54.9918	74.7587	55.3185	74.5166	55.6442
94	76.0476	55.2518	75.8058	55.5831	75.5625	55.9133	75.3179	56.2425
95	76.8566	55.8396	76.6122	56.1744	76.3664	56.5082	76.1191	56.8408
96	77.6656	56.4274	77.4187	56.7657	77.1703	57.1030	76.9204	57.4392
97	78.4746	57.0152	78.2251	57.3570	77.9741	57.6978	77.7216	58.0375
98	79.2837	57.6030	79.0316	57.9483	78.7780	58.2926	78.5229	58.6358
99	80.0927	58.1907	79.8380	58.5397	79.5818	58.8875	79.3241	59.2341
100	80.9017	58.7785	80.6445	59.1310	80.3857	59.4823	80.1254	59.8325

No	37	53	37¼	52¾	37½	52½	37¾	52¼
1	,7986	,6018	,7960	,6053	,7934	,6088	,7907	,6122
2	1.5973	1.2036	1.5920	1.2106	1.5867	1.2175	1.5814	1.2244
3	2.3959	1.8054	2.3880	1.8159	2.3801	1.8263	2.3721	1.8367
4	3.1945	2.4073	3.1840	2.4212	3.1734	2.4350	3.1628	2.4489
5	3.9932	3.0091	3.9800	3.0265	3.9668	3.0438	3 9534	3.0611
6	4.7918	3.6109	4.7760	3.6318	4.7601	3.6526	4.7441	3.6733
7	5.5904	4.2127	5.5720	4.2371	5.5535	4.2613	5.5348	4.2855
8	6.3891	4.8145	6.3680	4.8424	6.3468	4.8701	6.3255	4.8977
9	7.1877	5.4163	7.1640	5.4476	7.1402	5.4789	7.1162	5.5100
10	7.9864	6.0182	7.9600	6.0529	7.9335	6.0876	7.9069	6.1222
11	8.7850	6.6200	8.7560	6.6582	8.7269	6.6964	8.6976	6.7344
12	9.5836	7.2218	9.5520	7.2635	9.5202	7.3051	9.4883	7.3466
13	10.3823	7.8236	10.3480	7.8688	10.3136	7.9139	10.2790	7.9588
14	11.1809	8.4254	11.1440	8.4741	11.1069	8.5227	11.0697	8 5710
15	11.9795	9.0272	11.9400	9.0794	11.9003	9.1314	11.8603	9.1833
16	12.7782	9.6290	12.7360	9.6847	12.6937	9.7402	12.6510	9.7955
17	13.5768	10.2309	13.5320	10.2900	13.4870	10.3489	13.4417	10.4077
18	14.3754	10.8327	14.3280	10.8953	14.2804	10 9577	14.2324	11.0199
19	15.1741	11.4345	15.1240	11.5006	15.0737	11.5665	15.0231	11.6321
20	15.9727	12.0363	15.9200	12.1059	15.8671	12.1752	15.8138	12.2443
21	16.7713	12.6381	16.7160	12.7112	16.6604	12.7840	16.6045	12.8566
22	17.5700	13.2399	17.5120	13.3165	17.4538	13.3928	17.3952	13.4688
23	18.3686	13.8417	18.3080	13.9218	18.2471	14.0015	18.1859	14.0810
24	19.1673	14.4436	19.1040	14.5271	19.0405	14.6103	18.9766	14.6932
25	19.9659	15.0454	19.9001	15.1324	19.8338	15.2190	19.7672	15.3054
26	20.7645	15.6472	20.6961	15.7376	20.6272	15.8278	20.5579	15.9176
27	21.5632	16.2490	21.4921	16.3429	21.4205	16.4366	21.3486	16.5299
28	22.3618	16.8508	22.2881	16.9482	22.2139	17.0453	22.1393	17.1421
29	23.1604	17.4526	23.0841	17.5535	23.0072	17.6541	22.9300	17.7543
30	23.9591	18.0545	23.8801	18.1588	23.8006	18.2628	23.7207	18.3665
31	24.7577	18 6563	24.6761	18.7641	24.5940	18.8716	24.5114	18.9787
32	25.5563	19.2581	25.4721	19.3694	25.3873	19.4804	25.3021	19.5910
33	26.3550	19.8599	26.2681	19.9747	26.1807	20.0891	26.0928	20.2032
34	27.1536	20.4617	27.0641	20.5800	26.9740	20.6979	26.8834	20.8154
35	27.9522	21.0635	27.8601	21.1853	27.7674	21.3066	27.6741	21.4276
36	28.7509	21.6653	28.6561	21.7906	28.5607	21.9154	28.4648	22.0398
37	29.5495	22.2672	29.4521	22.3959	29.3541	22.5241	29.2555	22.6520
38	30.3481	22.8690	30.2481	23.0012	30.1474	23.1329	30.0462	23.2643
39	31.1468	23.4708	31.0441	23.6065	30.9408	23.7417	30.8369	23.8765
40	31.9454	24.0726	31.8401	24.2118	31.7341	24.3505	31 6276	24.4887
41	32.7441	24 6744	32.6361	24.8171	32.5275	24.9592	32.4183	25.1009
42	33.5427	25.2762	33.4321	25.4223	33.3208	25.5680	33.2090	25.7131
43	34.3413	25.8780	34.2281	26.0276	34.1142	26.1767	33.9997	26.3253
44	35.1400	26.4799	35.0241	26.6329	34.9075	26.7855	34.7903	26 9376
45	35.9386	27.0817	35.8201	27.2382	35.7009	27.3943	35.5810	27.5498
46	36.7372	27.6835	36.6161	27.8435	36.4943	28.0030	36.3717	28.1620
47	37.5359	28.2853	37.4121	28.4488	37.2876	28.6118	37.1624	28.7742
48	38.3345	28.8871	38.2081	29.0541	38.0810	29.2205	37.9531	29.3864
49	39.1331	29.4889	39.0041	29.6594	38.8743	29.8293	38.7438	29.9986
50	39.9318	30.0908	39.8001	30.2647	39.6677	30.4381	39.5345	30.6109

No	37	53	37¼	52¾	37½	52½	37¾	52¼
51	40.7304	30.6926	40.5961	30.8700	40.4610	31.0468	40.3252	31.2231
52	41.5290	31.2944	41.3921	31.4753	41.2544	31.6556	41.1159	31.835~~8~~ 3
53	42.3277	31.8962	42.1881	32.0806	42.0477	32.2644	41.9065	32.4475
54	43.1263	32.4980	42.9841	32.6859	42.8411	32.8731	42.6972	33.0597
55	43.9250	33.0998	43.7801	33.2912	43.6344	33.4819	43.4879	33.6720
56	44.7236	33.7016	44.5761	33.8965	44.4278	34.0906	44.2786	34.2842
57	45.5222	34.3035	45.3721	34.5018	45.2211	34.6994	45.0693	34.8964
58	46.3209	34.9053	46.1681	35.1071	46.0145	35.3082	45.8600	35.5086
59	47.1195	35.5071	46.9641	35.7123	46.8078	35.9169	46.6507	36.1208
60	47.9181	36.1089	47.7601	36.3176	47.6012	36.5257	47.4414	36.7330
61	48.7168	36.7107	48.5561	36.9229	48.3946	37.1344	48.2321	37.3453
62	49.5154	37.3125	49.3521	37.5282	49.1879	37.7432	49.0228	37.9575
63	50.3140	37.9143	50.1481	38.1335	49.9813	38.3520	49.8134	38.5697
64	51.1127	38.5162	50.9441	38.7388	50.7746	38.9607	50.6041	39.1819
65	51.9113	39.1180	51.7401	39.3441	51.5680	39.5695	51.3948	39.7941
66	52.7099	39.7198	52.5361	39.9494	52.3613	40.1783	52.1855	40.4063
67	53.5086	40.3216	53.3321	40.5547	53.1547	40.7870	52.9762	41.0186
68	54.3072	40.9234	54.1281	41.1600	53.9480	41.3958	53.7669	41.6308
69	55.1058	41.5252	54.9241	41.7653	54.7414	42.0045	54.5576	42.2430
70	55.9045	42.1271	55.7201	42.3706	55.5347	42.6133	55.3483	42.8552
71	56.7031	42.7289	56.5161	42.9759	56.3281	43.2221	56.1390	43.4674
72	57.5018	43.3307	57.3121	43.5812	57.1214	43.8308	56.9297	44.0796
73	58.3004	43.9325	58.1081	44.1865	57.9148	44.4396	57.7203	44.6919
74	59.0990	44.5343	58.9041	44.7918	58.7081	45.0483	58.5110	45.3041
75	59.8977	45.1361	59.7002	45.3971	59.5016	45.6571	59.3017	45.9163
76	60.6963	45.7379	60.4962	46.0023	60.2949	46.2659	60.0924	46.5285
77	61.4949	46.3398	61.2922	46.6076	61.0882	46.8746	60.8831	47.1407
78	62.2936	46.9416	62.0882	47.2129	61.8816	47.4834	61.6738	47.7529
79	63.0922	47.5434	62.8842	47.8182	62.6749	48.0922	62.4645	48.3652
80	63.8908	48.1452	63.6802	48.4235	63.4683	48.7009	63.2552	48.9774
81	64.6895	48.7470	64.4762	49.0288	64.2616	49.3097	64.0459	49.5896
82	65.4881	49.3488	65.2722	49.6341	65.0550	49.9184	64.8365	50.2018
83	66.2867	49.9506	66.0682	50.2394	65.8483	50.5272	65.6272	50.8140
84	67.0854	50.5525	66.8642	50.8447	66.6417	51.1360	66.4179	51.4263
85	67.8840	51.1543	67.6602	51.4500	67.4350	51.7447	67.2086	52.0385
86	68.6827	51.7561	68.4562	52.0553	68.2284	52.3535	67.9993	52.6507
87	69.4813	52.3579	69.2522	52.6606	69.0217	52.9622	68.7900	53.2629
88	70.2799	52.9597	70.0482	53.2659	69.8151	53.5710	69.5807	53.8751
89	71.0786	53.5615	70.8442	53.8712	70.6084	54.1798	70.3714	54 4873
90	71.8772	54.1634	71.6402	54.4765	71.4018	54.7885	71.1621	55.0996
91	72.6758	54.7652	72.4362	55.0818	72.1952	55.3973	71.9528	55.7118
92	73.4745	55.3670	73.2322	55.6870	72.9885	56.0060	72.7434	56.3240
93	74.2731	55.9688	74.0282	56.2923	73.7819	56.6148	73.5341	56.9362
94	75.0717	56.5706	74.8242	56.8976	74.5752	57.2236	74.3248	57.5484
95	75.8704	57.1724	75.6202	57.5029	75.3686	57.8323	75.1155	58.1606
96	76.6690	57.7742	76.4162	58.1082	76.1619	58.4411	75.9062	58.7729
97	77.4676	58.3761	77.2122	58.7135	76.9553	59.0499	76.6969	59.3851
98	78.2663	58.9779	78.0082	59.3188	77.7486	59.6586	77.4876	59.9973
99	79.0649	59.5797	78.8042	59.9241	78.5420	60.2674	78.2783	60.6095
100	79.8636	60.1815	79.6002	60.5294	79.3353	60.8761	79.0690	61.2217

No.	38	52	38¼	51¾	38½	51½	38¾	51¼
1	,7880	,6157	,7853	,6191	,7826	,6225	,7799	,6259
2	1.5760	1.2313	1.5706	1.2382	1.5652	1.2450	1.5598	1.2518
3	2.3640	1.8470	2.3560	1.8573	2.3478	1.8675	2.3397	1.8778
4	3.1520	2.4626	3.1413	2.4764	3.1304	2.4901	3.1195	2.5037
5	3.9401	3.0783	3.9266	3.0955	3.9130	3.1126	3.8994	3.1296
6	4.7281	3.6940	4.7119	3.7146	4.6956	3.7351	4.6793	3.7555
7	5.5161	4.3096	5.4972	4.3337	5.4783	4.3576	5.4592	4.3815
8	6.3041	4.9253	6.2825	4.9528	6.2609	4.9801	6.2391	5.0074
9	7.0921	5.5410	7.0679	5.5718	7.0435	5.6026	7.0190	5.6333
10	7.8801	6.1566	7.8532	6.1909	7.8261	6.2251	7.7988	6.2592
11	8.6681	6.7723	8.6385	6.8100	8.6087	6.8477	8.5787	6.8852
12	9.4561	7.3879	9.4238	7.4291	9.3913	7.4702	9.3586	7.5111
13	10.2441	8.0036	10.2091	8.0482	10.1739	8.0927	10.1385	8.1370
14	11.0321	8.6193	10.9944	8.6673	10.9565	8.7152	10.9184	8.7629
15	11.8202	9.2349	11.7798	9.2864	11.7391	9.3377	11.6983	9.3889
16	12.6082	9.8506	12.5651	9.9055	12.5217	9.9602	12.4782	10.0148
17	13.3962	10.4662	13.3504	10.5246	13.3043	10.5827	13.2580	10.6407
18	14.1842	11.0819	14.1357	11.1437	14.0869	11.2053	14.0379	11.2666
19	14.9722	11.6976	14.9210	11.7628	14.8696	11.8278	14.8178	11.8925
20	15.7602	12.3132	15.7063	12.3819	15.6522	12.4503	15.5977	12.5185
21	16.5482	12.9289	16.4917	13.0010	16.4348	13.0728	16.3776	13.1444
22	17.3362	13.5446	17.2770	13.6201	17.2174	13.6953	17.1575	13.7703
23	18.1242	14.1602	18.0623	14.2392	18.0000	14.3178	17.9373	14.3962
24	18.9123	14.7759	18.8476	14.8583	18.7826	14.9404	18.7172	15.0222
25	19.7003	15.3915	19.6329	15.4774	19.5652	15.5629	19.4971	15.6481
26	20.4883	16.0072	20.4182	16.0964	20.3478	16.1854	20.2770	16.2740
27	21.2763	16.6229	21.2036	16.7155	21.1304	16.8079	21.0569	16.8999
28	22.0643	17.2385	21.9889	17.3346	21.9130	17.4304	21.8368	17.5259
29	22.8523	17.8542	22.7742	17.9537	22.6956	18.0529	22.6167	18.1518
30	23.6403	18.4698	23.5595	18.5728	23.4782	18.6754	23.3965	18.7777
31	24.4283	19.0855	24.3448	19.1919	24.2609	19.2980	24.1764	19.4036
32	25.2163	19.7012	25.1301	19.8110	25.0435	19.9205	24.9563	20.0296
33	26.0044	20.3168	25.9155	20.4301	25.8261	20.5430	25.7362	20.6555
34	26.7924	20.9325	26.7008	21.0492	26.6087	21.1655	26.5161	21.2814
35	27.5804	21.5482	27.4861	21.6683	27.3913	21.7880	27.2960	21.9073
36	28.3684	22.1638	28.2714	22.2874	28.1739	22.4105	28.0758	22.5332
37	29.1564	22.7795	29.0567	22.9065	28.9565	23.0330	28.8557	23.1592
38	29.9444	23.3951	29.8420	23.5256	29.7391	23.6556	29.6356	23.7851
39	30.7324	24.0108	30.6274	24.1447	30.5217	24.2781	30.4155	24.4110
40	31.5204	24.6265	31.4127	24.7638	31.3043	24.9006	31.1954	25.0369
41	32.3084	25.2421	32.1980	25.3829	32.0869	25.5231	31.9753	25.6629
42	33.0964	25.8578	32.9833	26.0019	32.8695	26.1456	32.7551	26.2888
43	33.8845	26.4734	33.7686	26.6210	33.6522	26.7681	33.5350	26.9147
44	34.6725	27.0891	34.5539	27.2401	34.4348	27.3906	34.3149	27.5406
45	35.4605	27.7048	35.3393	27.8592	35.2174	28.0132	35.0948	28.1666
46	36.2485	28.3204	36.1246	28.4783	36.0000	28.6357	35.8747	28.7925
47	37.0365	28.9361	36.9099	29.0974	36.7826	29.2582	36.6546	29.4184
48	37.8245	29.5518	37.6952	29.7165	37.5652	29.8807	37.4345	30.0443
49	38.6125	30.1674	38.4805	30.3356	38.3478	30.5032	38.2143	30.6703
50	39.4005	30.7831	39.2658	30.9547	39.1304	31.1257	38.9942	31.2962

No.	38	52	38¼	51¾	38½	51½	38¾	51¼
51	40.1885	31.3987	40.0512	31.5738	39.9130	31.7482	39.7741	31.9221
52	40.9766	32.0144	40.8365	32.1929	40.6956	32.3708	40.5540	32.5480
53	41.7646	32.6301	41.6218	32.8120	41.4782	32.9933	41.3339	33.1739
54	42.5526	33.2457	42.4071	33.4311	42.2608	33.6158	42.1138	33.7999
55	43.3406	33.8614	43.1924	34.0502	43.0435	34.2383	42.8936	34.4258
56	44.1286	34.4770	43.9777	34.6693	43.8261	34.8608	43.6735	35.0517
57	44.9166	35.0927	44.7631	35.2884	44.6087	35.4833	44.4534	35.6776
58	45.7046	35.7084	45.5484	35.9075	45.3913	36.1058	45.2333	36.3036
59	46.4926	36.3240	46.3337	36.5265	46.1739	36.7284	46.0132	36.9295
60	47.2806	36.9397	47.1190	37.1456	46.9565	37.3509	46.7931	37.5554
61	48.0687	37.5554	47.9043	37.7647	47.7391	37.9734	47.5730	38.1813
62	48.8567	38.1710	48.6896	38.3838	48.5217	38.5959	48.3528	38.8073
63	49.6447	38.7867	49.4750	39.0029	49.3043	39.2184	49.1327	39.4332
64	50.4327	39.4023	50.2603	39.6220	50.0869	39.8409	49.9126	40.0591
65	51.2207	40.0180	51.0456	40.2411	50.8695	40.4634	50.6925	40.6850
66	52.0087	40.6337	51.8309	40.8602	51.6521	41.0860	51.4724	41.3110
67	52.7967	41.2493	52.6162	41.4793	52.4347	41.7085	52.2523	41.9369
68	53.5847	41.8650	53.4015	42.0984	53.2174	42.3310	53.0321	42.5628
69	54.3727	42.4806	54.1869	42.7175	54.0000	42.9535	53.8120	43.1887
70	55.1607	43.0963	54.9722	43.3366	54.7826	43.5760	54.5919	43.8146
71	55.9488	43.7120	55.7575	43.9557	55.5652	44.1985	55.3718	44.4406
72	56.7368	44.3276	56.5428	44.5748	56.3478	44.8211	56.1517	45.0665
73	57.5248	44.9433	57.3281	45.1939	57.1304	45.4436	56.9316	45.6924
74	58.3128	45.5590	58.1135	45.8130	57.9130	46.0661	57.7115	46.3183
75	59.1008	46.1746	58.8988	46.4321	58.6956	46.6886	58.4913	46.9443
76	59.8888	46.7903	59.6841	47.0511	59.4782	47.3111	59.2712	47.5702
77	60.6768	47.4059	60.4694	47.6702	60.2608	47.9336	60.0511	48.1961
78	61.4648	48.0216	61.2547	48.2893	61.0434	48.5561	60.8310	48.8220
79	62.2528	48.6373	62.0400	48.9084	61.8260	49.1787	61.6119	49.4480
80	63.0409	49.2529	62.8254	49.5275	62.6087	49.8012	62.3908	50.0739
81	63.8289	49.8686	63.6107	50.1466	63.3913	50.4237	63.1706	50.6998
82	64.6169	50.4842	64.3960	50.7657	64.1739	51.0462	63.9505	51.3257
83	65.4049	51.0999	65.1813	51.3848	64.9565	51.6687	64.7304	51.9517
84	66.1929	51.7156	65.9666	52.0039	65.7391	52.2912	65.5103	52.5776
85	66.9809	52.3312	66.7519	52.6230	66.5217	52.9137	66.2902	53.2035
86	67.7689	52.9469	67.5373	53.2421	67.3043	53.5363	67.0701	53.8294
87	68.5569	53.5626	68.3226	53.8612	68.0869	54.1588	67.8500	54.4553
88	69.3449	54.1782	69.1079	54.4803	68.8695	54.7813	68.6298	55.0813
89	70.1330	54.7939	69.8932	55.0994	69.6521	55.4038	69.4097	55.7072
90	70.9210	55.4095	70.6785	55.7185	70.4347	56.0263	70.1896	56.3331
91	71.7090	56.0252	71.4638	56.3376	71.2173	56.6488	70.9695	56.9590
92	72.4970	56.6409	72.2492	56.9566	72.0000	57.2713	71.7494	57.5850
93	73.2850	57.2565	73.0345	57.5757	72.7826	57.8939	72.5293	58.2109
94	74.0730	57.8722	73.8198	58.1948	73.5652	58.5164	73.3091	58.8368
95	74.8610	58.4878	74.6051	58.8139	74.3478	59.1389	74.0890	59.4627
96	75.6490	59.1035	75.3904	59.4330	75.1304	59.7614	74.8689	60.0887
97	76.4370	59.7192	76.1757	60.0521	75.9130	60.3839	75.6488	60.7146
98	77.2250	60.3348	76.9611	60.6712	76.6956	61.0064	76.4287	61.3405
99	78.0131	60.9505	77.7464	61.2903	77.4782	61.6289	77.2086	61.9664
100	78.8011	61.5662	78.5317	61.9094	78.2608	62.2515	77.9885	62.5924

No	39	51	39¼	50¾	39½	50½	39¾	50¼
1	,7771	,6293	,7744	,6327	,7716	,6361	,7688	,6394
2	1.5543	1.2586	1.5488	1.2654	1.5432	1.2722	1.5377	1.2789
3	2.3314	1.8880	2.3232	1.8981	2.3149	1.9082	2.3065	1.9183
4	3.1086	2.5173	3.0976	2.5308	3.0865	2.5443	3.0754	2.5578
5	3.8857	3.1466	3.8720	3.1635	3.8581	3.1804	3.8442	3.1972
6	4.6629	3.7759	4.6464	3.7962	4.6297	3.8165	4.6131	3.8366
7	5.4400	4.4052	5.4207	4.4289	5.4014	4.4525	5.3819	4.4761
8	6.2172	5.0346	6.1951	5.0616	6.1730	5.0886	6.1507	5.1155
9	6.9943	5.6639	6.9695	5.6943	6.9446	5.7247	6.9196	5.7550
10	7.7715	6.2932	7.7439	6.3271	7.7162	6.3608	7.6884	6.3944
11	8.5486	6.9225	8.5183	6.9598	8.4879	6.9969	8.4573	7.0338
12	9.3258	7.5518	9.2927	7.5925	9.2595	7.6329	9.2261	7.6733
13	10.1029	8.1812	10.0671	8.2252	10.0311	8.2690	9.9949	8.3127
14	10.8800	8.8105	10.8415	8.8579	10.8027	8.9051	10.7638	8.9521
15	11.6572	9.4398	11.6159	9.4906	11.5744	9.5412	11.5326	9.5916
16	12.4343	10.0691	12.3903	10.1233	12.3460	10.1773	12.3015	10.2310
17	13.2115	10.6984	13.1647	10.7560	13.1176	10.8133	13.0703	10.8705
18	13.9886	11.3278	13.9391	11.3887	13.8892	11.4494	13.8392	11.5099
19	14.7658	11.9571	14.7135	12.0214	14.6609	12.0855	14.6080	12.1493
20	15.5429	12.5864	15.4879	12.6541	15.4325	12.7216	15.3768	12.7888
21	16.3201	13.2157	16.2622	13.2868	16.2041	13.3576	16.1457	13.4282
22	17.0972	13.8450	17.0366	13.9195	16.9757	13.9937	16.9145	14.0677
23	17.8744	14.4744	17.8110	14.5522	17.7474	14.6298	17.6834	14.7071
24	18.6515	15.1037	18.5854	15.1849	18.5190	15.2659	18.4522	15.3465
25	19.4287	15.7330	19.3598	15.8176	19.2906	15.9020	19.2210	15.9860
26	20.2058	16.3623	20.1342	16.4503	20.0622	16.5380	19.9899	16.6254
27	20.9829	16.9917	20.9086	17.0830	20.8339	17.1741	20.7587	17.2649
28	21.7601	17.6210	21.6830	17.7157	21.6055	17.8102	21.5276	17.9043
29	22.5373	18.2503	22.4574	18.3485	22.3771	18.4463	22.2964	18.5437
30	23.3144	18.8796	23.2318	18.9812	23.1487	19.0823	23.0653	19.1832
31	24.0915	19.5089	24.0062	19.6139	23.9204	19.7184	23.8341	19.8226
32	24.8687	20.1383	24.7806	20.2466	24.6920	20.3545	24.6029	20.4620
33	25.6458	20.7676	25.5550	20.8793	25.4636	20.9906	25.3718	21.1015
34	26.4230	21.3969	26.3294	21.5120	26.2352	21.6267	26.1406	21.7409
35	27.2001	22.0262	27.1037	22.1447	27.0069	22.2627	26.9095	22.3804
36	27.9773	22.6555	27.8781	22.7774	27.7785	22.8988	27.6783	23.0198
37	28.7544	23.2849	28.6525	23.4101	28.5501	23.5349	28.4471	23.6592
38	29.5315	23.9142	29.4269	24.0428	29.3217	24.1710	29.2160	24.2987
39	30.3087	24.5435	30.2013	24.6755	30.0934	24.8070	29.9848	24.9381
40	31.0858	25.1728	30.9757	25.3082	30.8650	25.4431	30.7537	25.5776
41	31.8630	25.8021	31.7501	25.9409	31.6366	26.0792	31.5225	26.2170
42	32.6401	26.4315	32.5245	26.5736	32.4082	26.7153	32.2914	26.8564
43	33.4173	27.0608	33.2989	27.2063	33.1799	27.3514	33.0602	27.4959
44	34.1944	27.6901	34.0733	27.8390	33.9515	27.9874	33.8290	28.1353
45	34.9716	28.3194	34.8477	28.4717	34.7231	28.6235	34.5979	28.7748
46	35.7487	28.9487	35.6221	29.1044	35.4947	29.2596	35.3667	29.4142
47	36.5259	29.5781	36.3965	29.7371	36.2664	29.8957	36.1356	30.0536
48	37.3030	30.2074	37.1708	30.3699	37.0380	30.5318	36.9044	30.6931
49	38.0802	30.8367	37.9452	31.0026	37.8096	31.1678	37.6732	31.3325
50	38.8573	31.4660	38.7196	31.6353	38.5812	31.8039	38.4421	31.9720

No.	39	51	39¼	50¾	39½	50½	39¾	50¼
51	39.6344	32.0953	39.4940	32.2680	39.3529	32.4400	39.2109	32.6114
52	40.4116	32.7247	40.2684	32.9007	40.1245	33.0761	39.9798	33.2508
53	41.1887	33.3540	41.0428	33.5334	40.8961	33.7121	40.7486	33.8903
54	41.9659	33.9833	41.8172	34.1661	41.6677	34.3482	41.5175	34.5297
55	42.7430	34.6126	42.5916	34.7988	42.4394	34.9843	42.2863	35.1691
56	43.5202	35.2419	43.3660	35.4315	43.2110	35.6204	43.0551	35.8086
57	44.2973	35.8713	44.1404	36.0642	43.9826	36.2565	43.8240	36.4480
58	45.0745	36.5006	44.9148	36.6969	44.7542	36.8925	44.5928	37.0875
59	45.8516	37.1299	45.6892	37.3296	45.5259	37.5286	45.3617	37.7269
60	46.6288	37.7592	46.4636	37.9623	46.2975	38.1647	46.1305	38.3663
61	47.4059	38.3885	47.2380	38.5950	47.0691	38.8008	46.8993	39.0058
62	48.1831	39.0179	48.0123	39.2277	47.8407	39.4368	47.6682	39.6452
63	48.9602	39.6472	48.7867	39.8604	48.6123	40.0729	48.4370	40.2847
64	49.7373	40.2765	49.5611	40.4931	49.3840	40.7090	49.2059	40.9241
65	50.5145	40.9058	50.3355	41.1258	50.1556	41.3451	49.9747	41.5635
66	51.2916	41.5351	51.1099	41.7585	50.9272	41.9812	50.7436	42.2030
67	52.0688	42.1645	51.8843	42.3913	51.6988	42.6172	51.5124	42.8424
68	52.8459	42.7938	52.6587	43.0240	52.4705	43.2533	52.2812	43.4819
69	53.6231	43.4231	53.4331	43.6567	53.2421	43.8894	53.0501	44.1213
70	54.4002	44.0524	54.2075	44.2894	54.0137	44.5255	53.8189	44.7607
71	55.1774	44.6817	54.9819	44.9221	54.7853	45.1616	54.5878	45.4002
72	55.9545	45.3111	55.7563	45.5548	55.5570	45.7976	55.3566	46.0396
73	56.7317	45.9404	56.5307	46.1875	56.3286	46.4337	56.1255	46.6790
74	57.5088	46.5697	57.3051	46.8202	57.1002	47.0698	56.8943	47.3185
75	58.2860	47.1990	58.0795	47.4529	57.8718	47.7059	57.6631	47.9579
76	59.0631	47.8284	58.8538	48.0856	58.6435	48.3419	58.4320	48.5974
77	59.8402	48.4577	59.6282	48.7183	59.4151	48.9780	59.2008	49.2368
78	60.6174	49.0870	60.4026	49.3510	60.1867	49.6141	59.9697	49.8762
79	61.3945	49.7163	61.1770	49.9837	60.9583	50.2502	60.7385	50.5157
80	62.1717	50.3456	61.9514	50.6164	61.7300	50.8863	61.5073	51.1551
81	62.9488	50.9750	62.7258	51.2491	62.5016	51.5223	62.2762	51.7946
82	63.7260	51.6043	63.5002	51.8818	63.2732	52.1584	63.0450	52.4340
83	64.5031	52.2336	64.2746	52.5145	64.0448	52.7945	63.8139	53.0734
84	65.2803	52.8629	65.0490	53.1472	64.8165	53.4306	64.5827	53.7129
85	66.0574	53.4922	65.8234	53.7800	65.5881	54.0666	65.3516	54.3529
86	66.8346	54.1216	66.5978	54.4127	66.3597	54.7027	66.1204	54.9918
87	67.6117	54.7509	67.3722	55.0454	67.1313	55.3388	66.8892	55.6312
88	68.3888	55.3802	68.1466	55.6781	67.9030	55.9749	67.6581	56.2706
89	69.1660	56.0095	68.9210	56.3108	68.6746	56.6110	68.4269	56.9101
90	69.9431	56.6388	69.6953	56.9435	69.4462	57.2470	69.1958	57.5495
91	70.7203	57.2682	70.4697	57.5762	70.2178	57.8831	69.9646	58.1889
92	71.4974	57.8975	71.2441	58.2089	70.9895	58.5192	70.7334	58.8284
93	72.2746	58.5268	72.0185	58.8416	71.7611	59.1553	71.5023	59.4678
94	73.0517	59.1561	72.7929	59.4743	72.5327	59.7914	72.2711	60.1073
95	73.8289	59.7854	73.5673	60.1070	73.3043	60.4274	73.0400	60.7467
96	74.6060	60.4148	74.3417	60.7397	74.0760	61.0635	73.8088	61.3861
97	75.3832	61.0441	75.1161	61.3724	74.8476	61.6996	74.5777	62.0256
98	76.1603	61.6734	75.8905	62.0051	75.6192	62.3357	75.3465	62.6650
99	76.9375	62.3027	76.6649	62.6378	76.3908	62.9717	76.1153	63.3045
100	77.7146	62.9320	77.4393	63.2705	77.1625	63.6078	76.8842	63.9439

No.	40	50	40¼	49¾	40½	49½	40¾	49¼
1	,7660	,6428	,7632	,6461	,7604	,6494	,7576	,6528
2	1.5321	1.2856	1.5265	1.2922	1.5208	1.2989	1.5151	1.3055
3	2.2981	1.9284	2.2897	1.9384	2.2812	1.9483	2.2727	1.9583
4	3 0642	2.5712	3.0529	2.5845	3.0416	2.5978	3.0303	2.6110
5	3.8302	3.2139	3.8162	3.2306	3.8020	3.2472	3.7878	3.2638
6	4.5963	3.8567	4.5794	3.8767	4.5624	3.8967	4.5454	3.9166
7	5.3623	4.4995	5.3426	4.5229	5.3228	4.5461	5.3030	4.5693
8	6.1284	5.1423	6.1059	5.1690	6.0832	5.1956	6.0605	5.2221
9	6.8944	5.7851	6.8691	5.8151	6.8437	5.8450	6.8181	5.8748
10	7.6604	6.4279	7.6323	6.4612	7.6041	6.4945	7.5757	6.5276
11	8.4265	7.0707	8.3956	7.1074	8.3645	7.1439	8.3332	7.1804
12	9.1925	7.7135	9.1588	7.7535	9.1249	7.7934	9.0908	7.8331
13	9.9586	8.3562	9.9220	8.3996	9.8853	8.4428	9.8483	8.4859
14	10.7246	8.9990	10.6853	9.0457	10.6457	9.0923	10.6059	9.1386
15	11.4907	9.6418	11.4485	9.6919	11.4061	9.7417	11.3635	9.7914
16	12.2567	10.2846	12.2117	10.3380	12.1665	10.3912	12.1210	10.4442
17	13.0228	10.9274	12.9750	10.9841	12.9269	11.0406	12.8786	11.0969
18	13.7888	11.5702	13.7382	11.6302	13.6873	11.6901	13.6362	11.7497
19	14.5548	12.2130	14.5014	12.2764	14.4477	12.3395	14.3937	12.4024
20	15.3209	12.8558	15.2647	12.9225	15.2081	12.9890	15.1513	13.0552
21	16.0869	13.4985	16.0279	13.5686	15.9685	13.6384	15.9089	13.7080
22	16.8530	14.1413	16.7911	14.2147	16.7289	14.2879	16.6664	14.3607
23	17.6190	14.7841	17.5543	14.8609	17.4893	14.9373	17.4240	15.0135
24	18.3851	15.4269	18.3176	15.5070	18.2497	15.5868	18.1816	15.6662
25	19.1511	16.0697	19.0808	16.1531	19.0102	16.2362	18.9391	16.3190
26	19.9172	16.7125	19.8440	16.7992	19.7706	16.8856	19.6967	16.9718
27	20.6832	17.3553	20.6073	17.4453	20.5310	17.5351	20.4543	17.6245
28	21.4492	17.9981	21.3705	18.0915	21.2914	18.1845	21.2118	18.2773
29	22.2153	18.6408	22.1337	18.7376	22.0518	18.8340	21.9694	18.9300
30	22.9813	19.2836	22.8970	19.3837	22.8122	19.4834	22.7270	19.5828
31	23.7474	19.9264	23.6602	20.0298	23.5726	20.1329	23.4845	20.2356
32	24.5134	20.5692	24.4234	20.6760	24.3330	20.7823	24.2421	20.8883
33	25.2795	21.2120	25.1867	21.3221	25.0934	21.4318	24.9996	21.5411
34	26.0455	21.8548	25.9499	21.9682	25.8538	22.0812	25.7572	22.1938
35	26.8116	22.4976	26.7131	22.6143	26.6142	22.7307	26.5148	22.8466
36	27.5776	23.1404	27.4764	23.2605	27.3746	23.3801	27.2723	23.4994
37	28.3436	23.7831	28.2396	23.9066	28.1350	24.0296	28.0299	24.1521
38	29.1097	24.4259	29.0028	24.5527	28.8954	24.6790	28.7875	24.8049
39	29.8757	25.0687	29.7661	25.1988	29.6558	25.3285	29.5450	25.4576
40	30.6418	25.7115	30.5293	25.8450	30.4162	25.9779	30.3026	26.1104
41	31.4078	26.3543	31.2925	26.4911	31.1766	26.6274	31.0602	26.7632
42	32.1739	26.9971	32.0558	27.1372	31.9371	27.2768	31.8177	27.4159
43	32.9399	27.6399	32.8190	27.7833	32.6975	27.9263	32.5753	28.0687
44	33.7060	28.2827	33.5822	28.4295	33.4579	28.5757	33.3329	28.7214
45	34.4720	28.9254	34.3455	29.0756	34.2183	29.2252	34.0904	29.3742
46	35.2380	29.5682	35.1087	29.7217	34.9787	29.8746	34.8480	30.0270
47	36.0041	30.2110	35.8719	30.3678	35.7391	30.5241	35.6056	30.6797
48	36.7701	30.8538	36.6352	31.0140	36.4995	31.1735	36.3631	31.3325
49	37.5362	31.4966	37.3984	31.6601	37.2599	31.8230	37.1207	31.9852
50	38.3022	32.1394	38.1616	32.3062	38.0203	32.4724	37.8783	32.6380

No.	40	50	40¼	49¾	40½	49½	40¾	49¼
51	39.0683	32.7822	38.9249	32.9523	38.7807	33.1218	38.6358	33.2907
52	39.8343	33.4250	39.6881	33.5984	39.5411	33.7713	39.3934	33.9435
53	40.6004	34.0677	40.4513	34.2446	40.3015	34.4207	40.1509	34.5963
54	41.3664	34.7105	41.2146	34.8907	41.0619	35.0702	40.9085	35.2490
55	42.1324	35.3533	41.9778	35.5368	41.8223	35.7196	41.6661	35.9018
56	42.8985	35.9961	42.7410	36.1829	42.5827	36.3691	42.4236	36.5549
57	43.6645	36.6389	43.5043	36.8291	43.3431	37.0185	43.1812	37.2073
58	44.4306	37.2817	44.2675	37.4752	44.1035	37.6680	43.9388	37.8601
59	45.1966	37.9245	45.0307	38.1213	44.8640	38.3174	44.6963	38.5128
60	45.9627	38.5673	45.7940	38.7674	45.6244	38.9669	45.4539	39.1656
61	46.7287	39.2100	46.5572	39.4136	46.3848	39.6163	46.2115	39.8183
62	47.4948	39.8528	47.3204	40.0597	47.1452	40.2658	46.9690	40.4711
63	48.2608	40.4956	48.0836	40.7058	47.9056	40.9152	47.7266	41.1239
64	49.0268	41.1384	48.8469	41.3519	48.6660	41.5647	48.4842	41.7766
65	49.7929	41.7812	49.6101	41.9981	49.4264	42.2141	49.2417	42.4294
66	50.5589	42.4240	50.3733	42.6442	50.1868	42.8636	49.9993	43.0821
67	51.3250	43.0668	51.1366	43.2903	50.9472	43.5130	50.7569	43.7349
68	52.0910	43.7096	51.8998	43.9364	51.7076	44.1625	51.5144	44.3877
69	52.8571	44.3523	52.6630	44.5826	52.4680	44.8119	52.2720	45.0404
70	53.6231	44.9951	53.4263	45.2287	53.2284	45.4614	53.0296	45.6932
71	54.3892	45.6379	54.1895	45.8748	53.9888	46.1108	53.7871	46.3459
72	55.1552	46.2807	54.9527	46.5209	54.7492	46.7603	54.5447	46.9987
73	55.9212	46.9235	55.7160	47.1671	55.5096	47.4097	55.3022	47.6515
74	56.6873	47.5663	56.4792	47.8132	56.2700	48.0592	56.0598	48.3042
75	57.4533	48.2091	57.2424	48.4593	57.0305	48.7086	56.8174	48.9570
76	58.2194	48.8519	58.0057	49.1054	57.7909	49.3580	57.5749	49.6097
77	58.9854	49.4946	58.7689	49.7515	58.5513	50.0075	58.3325	50.2625
78	59.7515	50.1374	59.5321	50.3977	59.3117	50.6569	59.0901	50.9153
79	60.5175	50.7802	60.2954	51.0438	60.0721	51.3064	59.8476	51.5680
80	61.2836	51.4230	61.0586	51.6899	60.8325	51.9558	60.6052	52.2208
81	62.0496	52.0658	61.8218	52.3360	61.5929	52.6053	61.3628	52.8735
82	62.8156	52.7086	62.5851	52.9822	62.3533	53.2547	62.1203	53.5263
83	63.5817	53.3514	63.3483	53.6283	63.1137	53.9042	62.8779	54.1791
84	64.3477	53.9942	64.1115	54.2744	63.8741	54.5536	63.6355	54.8318
85	65.1138	54.6369	64.8748	54.9205	64.6345	55.2031	64.3930	55.4846
86	65.8798	55.2797	65.6380	55.5667	65.3949	55.8525	65.1506	56.1373
87	66.6459	55.9225	66.4012	56.2128	66.1553	56.5020	65.9082	56.7901
88	67.4119	56.5653	67.1645	56.8589	66.9157	57.1514	66.6657	57.4429
89	68.1780	57.2081	67.9277	57.5050	67.6761	57.8009	67.4233	58.0956
90	68.9440	57.8509	68.6909	58.1512	68.4365	58.4503	68.1809	58.7484
91	69.7100	58.4937	69.4542	58.7973	69.1969	59.0998	68.9384	59.4011
92	70.4761	59.1365	70.2174	59.4434	69.9574	59.7492	69.6960	60.0539
93	71.2421	59.7792	70.9806	60.0895	70.7178	60.3987	70.4535	60.7067
94	72.0082	60.4220	71.7439	60.7357	71.4782	61.0481	71.2111	61.3594
95	72.7742	61.0648	72.5071	61.3818	72.2386	61.6976	71.9687	62.0122
96	73.5403	61.7076	73.2703	62.0279	72.9990	62.3470	72.7262	62.6649
97	74.3063	62.3504	74.0336	62.6740	73.7594	62.9965	73.4838	63.3177
98	75.0724	62.9932	74.7968	63.3202	74.5198	63.6459	74.2414	63.9705
99	75.8384	63.6360	75.5600	63.9663	75.2802	64.2954	74.9989	64.6232
100	76.6044	64.2788	76.3233	64.6124	76.0406	64.9448	75.7565	65.2760

5

No.	41	49	41¼	48¾	41½	48½	41¾	48¼
1	,7547	,6561	,7518	,6593	,7490	,6626	,7461	,6659
2	1.5094	1.3121	1.5037	1.3187	1.4979	1.3252	1.4921	1.3318
3	2.2641	1.9682	2.2555	1.9780	2.2469	1.9879	2.2382	1.9976
4	3.0188	2.6242	3.0074	2.6374	2.9958	2.6505	2.9842	2.6635
5	3.7735	3.2803	3.7592	3.2967	3.7448	3.3131	3.7303	3.3294
6	4.5283	3.9364	4.5110	3.9561	4.4937	3.9757	4.4763	3.9953
7	5.2830	4.5924	5.2629	4.6154	5.2427	4.6383	5.2224	4.6612
8	6.0377	5.2485	6.0147	5.2748	5.9916	5.3010	5.9685	5.3271
9	6.7924	5.9045	6.7666	5.9341	6.7406	5.9636	6.7145	5.9929
10	7.5471	6.5606	7.5184	6.5935	7.4896	6.6262	7.4606	6.6588
11	8.3018	7.2166	8.2702	7.2528	8.2385	7.2888	8.2066	7.3247
12	9.0565	7.8727	9.0221	7.9121	8.9875	7.9514	8.9527	7.9906
13	9.8112	8.5288	9.7739	8.5715	9.7364	8.6141	9.6987	8.6565
14	10.5659	9.1848	10.5258	9.2308	10.4854	9.2767	10.4448	9.3223
15	11.3206	9.8409	11.2776	9.8902	11.2343	9.9393	11.1909	9.9882
16	12.0754	10.4969	12.0294	10.5495	11.9833	10.6019	11.9369	10.6541
17	12.8301	11.1530	12.7813	11.2089	12.7322	11.2645	12.6830	11.3200
18	13.5848	11.8091	13.5331	11.8682	13.4812	11.9272	13.4290	11.9859
19	14.3395	12.4651	14.2850	12.5276	14.2302	12.5898	14.1751	12.6518
20	15.0942	13.1212	15.0368	13.1869	14.9791	13.2524	14.9211	13.3176
21	15.8489	13.7772	15.7886	13.8463	15.7281	13.9150	15.6672	13.9835
22	16.6036	14.4333	16.5405	14.5056	16.4770	14.5776	16.4133	14.6494
23	17.3583	15.0894	17.2923	15.1650	17.2260	15.2403	17.1593	15.3153
24	18.1130	15.7454	18.0442	15.8243	17.9749	15.9029	17.9054	15.9812
25	18.8677	16.4015	18.7960	16.4836	18.7239	16.5655	18.6514	16.6470
26	19.6224	17.0575	19.5478	17.1430	19.4728	17.2281	19.3975	17.3129
27	20.3772	17.7136	20.2997	17.8023	20.2218	17.8907	20.1435	17.9788
28	21.1319	18.3697	21.0515	18.4617	20.9708	18.5534	20.8896	18.6447
29	21.8866	19.0257	21.8034	19.1210	21.7197	19.2160	21.6357	19.3106
30	22.6413	19.6818	22.5552	19.7804	22.4687	19.8786	22.3817	19.9765
31	23.3960	20.3378	23.3070	20.4397	23.2176	20.5412	23.1278	20.6423
32	24.1507	20.9939	24.0589	21.0991	23.9666	21.2038	23.8738	21.3082
33	24.9054	21.6499	24.8107	21.7584	24.7155	21.8665	24.6199	21.9741
34	25.6601	22.3060	25.5626	22.4178	25.4645	22.5291	25.3660	22.6400
35	26.4148	22.9621	26.3144	23.0771	26.2134	23.1917	26.1120	23.3059
36	27.1695	23.6181	27.0662	23.7364	26.9624	23.8543	26.8581	23.9717
37	27.9243	24.2742	27.8181	24.3958	27.7114	24.5169	27.6041	24.6376
38	28.6790	24.9302	28.5699	25.0551	28.4603	25.1796	28.3502	25.3035
39	29.4337	25.5863	29.3218	25.7145	29.2093	25.8422	29.0962	25.9694
40	30.1884	26.2424	30.0736	26.3738	29.9582	26.5048	29.8423	26.6353
41	30.9431	26.8984	30.8254	27.0332	30.7072	27.1674	30.5884	27.3011
42	31.6978	27.5545	31.5773	27.6925	31.4561	27.8300	31.3344	27.9670
43	32.4525	28.2105	32.3291	28.3519	32.2051	28.4927	32.0805	28.6329
44	33.2072	28.8666	33.0810	29.0112	32.9541	29.1553	32.8265	29.2988
45	33.9619	29.5227	33.8328	29.6706	33.7030	29.8179	33.5726	29.9647
46	34.7166	30.1787	34.5846	30.3299	34.4520	30.4805	34.3186	30.6306
47	35.4714	30.8348	35.3365	30.9893	35.2009	31.1431	35.0647	31.2964
48	36.2261	31.4908	36.0883	31.6486	35.9499	31.8058	35.8108	31.9623
49	36.9808	32.1469	36.8402	32.3079	36.6988	32.4684	36.5568	32.6282
50	37.7355	32.8030	37.5920	32.9673	37.4478	33.1310	37.3029	33.2941

No.	41	49	41¼	48¾	41½	48½	41¾	48¼
51	38.4902	33.4590	38.3438	33.6266	38.1967	33 7936	38 0489	33.9600
52	39.2449	34.1151	39.0957	34.2860	38.9457	34.4562	38.7950	34.6258
53	39.9996	34.7711	39.8475	34.9453	39.6947	35.1189	39.5410	35.2917
54	40.7543	35.4272	40.5993	35.6047	40.4436	35.7815	40.2871	35.9576
55	41.5090	36.0832	41.3512	36.2640	41.1926	36.4441	41.0332	36.6235
56	42.2637	36.7393	42.1030	36.9234	41.9415	37.1067	41.7792	37.2894
57	43.0184	37.3954	42.8549	37.5827	42.6905	37.7693	42.5253	37.9553
58	43.7732	38.0514	43.6067	38.2421	43.4394	38.4320	43.2713	38.6211
59	44.5279	38.7075	44.3585	38.9014	44.1884	39.0946	44.0174	39.2870
60	45.2826	39.3635	45.1104	39.5607	44.9373	39.7572	44.7634	39.9529
61	46.0373	40.0196	45.8622	40.2201	45.6863	40.4198	45.5095	40.6188
62	46.7920	40.6757	46.6141	40.8794	46.4353	41.0824	46.2556	41.2847
63	47.5467	41.3317	47.3659	41.5388	47.1842	41.7451	47.0016	41.9505
64	48.3014	41.9878	48.1177	42.1981	47.9332	42.4077	47.7477	42 6164
65	49.0561	42.6438	48.8696	42.8575	48.6821	43.0703	48.4937	43.2823
66	49.8108	43.2999	49.6214	43.5168	49.4311	43.7329	49.2398	43.9482
67	50.5655	43.9560	50.3733	44.1762	50.1800	44.3955	49.9858	44.6141
68	51.3203	44.6120	51.1251	44.8355	50.9290	45.0582	50.7319	45.2800
69	52.0750	45.2681	51.8769	45.4949	51.6779	45.7208	51.4780	45.9458
70	52.8297	45.9241	52.6288	46.1542	52.4269	46.3834	52.2240	46.6117
71	53.5844	46.5802	53.3806	46.8136	53.1759	47.0460	52.9701	47.2776
72	54.3391	47.2362	54.1325	47.4729	53.9248	47.7086	53.7161	47.9435
73	55.0938	47.8923	54.8843	48.1322	54.6738	48.3713	54.4622	48.6094
74	55.8485	48.5484	55.6361	48.7916	55.4227	49.0339	55.2082	49.2752
75	56 6032	49.2044	56.3880	49.4509	56.1717	49 6965	55.9543	49.9411
76	57.3579	49.8605	57.1398	50.1103	56.9206	50.3591	56.7004	50.6070
77	58.1126	50.5165	37.8917	50.7696	57.6696	51.0217	57.4464	51.2729
78	58.8673	51.1726	58.6435	51.4290	58.4185	51.6844	58.1925	51.9388
79	59.6221	51.8287	59.3953	52.0883	59.1675	52.3470	58.9385	52.6047
80	60.3768	52.4847	60.1472	52.7477	59.9165	53.0096	59.6846	53.2705
81	61.1315	53.1408	60.8990	53.4070	60.6654	53.6722	60.4306	53.9364
82	61.8862	53.7968	61.6509	54.0664	61.4144	54.3348	61.1767	54.6023
83	62.6409	54.4529	62.4027	54.7257	62.1633	54.9975	61.9228	55.2682
84	63.3956	55.1090	63.1545	55.3850	62.9123	55.6601	62.6688	55.9341
85	64 1503	55.7650	63.9064	56.0444	63.6612	56.3227	63.4149	56.5999
86	64.9050	56.4211	64.6582	56.7037	64.4102	56.9853	64.1609	57.2658
87	65.6597	57.0771	65.4101	57.3631	65.1591	57.6479	64.9070	57 9317
88	66.4144	57.7332	66.1619	58.0224	65.9081	58.3106	65.6531	58.5976
89	67.1692	58.3893	66.9137	58.6818	66.6571	58.9732	66.3991	59.2635
90	67.9239	59.0453	67.6656	59.3411	67.4060	59.6358	67.1452	59.9294
91	68.6786	59.7014	68.4174	60.0005	68.1550	60.2984	67.8912	60.5952
92	69.4333	60.3574	69.1693	60.6598	68.9039	60.9610	68.6373	61.2611
93	70.1880	61.0135	69.9211	61.3192	69.6529	61.6237	69.3833	61.9270
94	70.9427	61.6695	70.6729	61.9785	70.4018	62.2863	70.1294	62.5929
95	71.6974	62.3256	71.4248	62.6379	71.1508	62.9489	70.8755	63.2588
96	72.4521	62.9817	72.1766	63.2972	71.8997	63.6115	71.6215	63.9246
97	73.2068	63.6377	72.9285	63.9565	72.6487	64.2741	72.3676	64.5905
98	73.9615	64.2938	73.6803	64.6159	73.3977	64.9368	73.1136	65.2564
99	74.7163	64.9498	74.4321	65.2752	74.1466	65.5994	73.8597	65.9223
100	75.4710	65.6059	75.1840	65.9346	74.8956	66.2620	74.6057	66.5882

No.	42	48	42¼	47¾	42½	47½	42¾	47¼
1	,7431	,6691	,7402	,6724	,7373	,6756	,7343	,6788
2	1.4863	1.3383	1.4804	1.3447	1.4746	1.3512	1.4686	1.3576
3	2.2294	2.0074	2.2207	2.0171	2.2118	2.0268	2.2030	2.0364
4	2.9726	2.6765	2.9609	2.6895	2.9491	2.7024	2.9373	2.7152
5	3.7157	3.3457	3.7011	3.3618	3.6864	3.3780	3.6716	3.3940
6	4.4589	4.0148	4.4413	4.0342	4.4237	4.0535	4.4059	4.0728
7	5.2020	4.6839	5.1815	4.7066	5.1609	4.7291	5.1403	4.7516
8	5.9452	5.3530	5.9217	5.3789	5.8982	5.4047	5.8746	5.4304
9	6.6883	6.0222	6.6620	6.0513	6.6355	6.0803	6.6089	6.1092
10	7.4314	6.6913	7.4022	6.7237	7.3728	6.7559	7.3432	6.7880
11	8.1746	7.3604	8.1424	7.3960	8.1101	7.4315	8.0775	7.4668
12	8.9177	8.0296	8.8826	8.0684	8.8473	8.1071	8.8119	8.1456
13	9.6609	8.6987	9.6228	8.7408	9.5846	8.7827	9.5462	8.8244
14	10.4040	9.3678	10.3631	9.4131	10.3219	9.4583	10.2805	9.5032
15	11.1472	10.0370	11.1033	10.0855	11.0592	10.1339	11.0148	10.1820
16	11.8903	10.7061	11.8435	10.7579	11.7964	10.8094	11.7492	10.8608
17	12.6335	11.3752	12.5837	11.4302	12.5337	11.4850	12.4835	11.5396
18	13.3766	12.0444	13.3239	12.1026	13.2710	12.1606	13.2178	12.2184
19	14.1198	12.7135	14.0641	12.7750	14.0083	12.8362	13.9521	12.8972
20	14.8629	13.3826	14.8044	13.4473	14.7455	13.5118	14.6865	13.5760
21	15.6060	14.0517	15.5446	14.1197	15.4828	14.1874	15.4208	14.2548
22	16.3492	14.7209	16.2848	14.7921	16.2201	14.8630	16.1551	14.9336
23	17.0923	15.3900	17.0250	15.4644	16.9574	15.5386	16.8894	15.6124
24	17.8355	16.0591	17.7652	16.1368	17.6947	16.2142	17.6237	16.2912
25	18.5786	16.7283	18.5055	16.8092	18.4319	16.8898	18.3581	16.9700
26	19.3218	17.3974	19.2457	17.4815	19.1692	17.5653	19.0924	17.6488
27	20.0649	18.0665	19.9859	18.1539	19.9065	18.2409	19.8267	18.3276
28	20.8081	18.7357	20.7261	18.8263	20.6438	18.9165	20.5610	19.0064
29	21.5512	19.4048	21.4663	19.4986	21.3810	19.5921	21.2954	19.6852
30	22.2943	20.0739	22.2065	20.1710	22.1183	20.2677	22.0297	20.3640
31	23.0375	20.7430	22.9468	20.8434	22.8556	20.9433	22.7640	21.0428
32	23.7806	21.4122	23.6870	21.5157	23.5929	21.6189	23.4983	21.7216
33	24.5238	22.0813	24.4272	22.1881	24.3302	22.2945	24.2326	22.4004
34	25.2669	22.7504	25.1674	22.8605	25.0674	22.9701	24.9670	23.0792
35	26.0101	23.4196	25.9076	23.5328	25.8047	23.6457	25.7013	23.7580
36	26.7532	24.0887	26.6479	24.2052	26.5420	24.3212	26.4356	24.4368
37	27.4964	24.7578	27.3881	24.8776	27.2793	24.9968	27.1699	25.1156
38	28.2395	25.4270	28.1283	25.5499	28.0165	25.6724	27.9043	25.7944
39	28.9826	26.0961	28.8685	26.2223	28.7538	26.3480	28.6386	26.4732
40	29.7258	26.7652	29.6087	26.8947	29.4911	27.0236	29.3729	27.1520
41	30.4689	27.4344	30.3489	27.5670	30.2284	27.6992	30.1072	27.8308
42	31.2121	28.1035	31.0892	28.2394	30.9656	28.3748	30.8415	28.5096
43	31.9552	28.7726	31.8294	28.9118	31.7029	29.0504	31.5759	29.1884
44	32.6984	29.4417	32.5696	29.5841	32.4402	29.7260	32.3102	29.8672
45	33.4415	30.1109	33.3098	30.2565	33.1775	30.4016	33.0445	30.5460
46	34.1847	30.7800	34.0500	30.9289	33.9148	31.0771	33.7788	31.2248
47	34.9278	31.4491	34.7903	31.6012	34.6520	31.7527	34.5132	31.8036
48	35.6710	32.1183	35.5305	32.2736	35.3893	32.4283	35.2475	32.5824
49	36.4141	32.7874	36.2707	32.9460	36.1266	33.1039	35.9818	33.2612
50	37.1572	33.4565	37.0109	33.6183	36.8639	33.7795	36.7161	33.9400

No.	42	48	42¼	47¾	42½	47½	42¾	47¼
51	37.9004	34.1257	37.7511	34.2907	37.6011	34.4551	37.4504	34.6188
52	38.6435	34.7948	38.4913	34.9631	38.3384	35.1307	38.1848	35.2976
53	39.3867	35.4639	39.2316	35.6354	39.0757	35.8063	38.9191	35.9764
54	40.1298	36.1331	39.9718	36.3078	39.8130	36.4819	39.6534	36.6552
55	40.8730	36.8022	40.7120	36.9802	40.5503	37.1575	40.3877	37.3340
56	41.6161	37.4713	41.4522	37.6525	41.2875	37.8331	41.1221	38.0128
57	42.3593	38.1404	42.1924	38.3249	42.0248	38.5086	41.8564	38.6916
58	43.1024	38.8096	42.9326	38.9973	42.7621	39.1842	42.5907	39.3704
59	43.8455	39.4787	43.6729	39.6696	43.4994	39.8598	43.3250	40.0492
60	44.5887	40.1478	44.4131	40.3420	44.2366	40.5354	44.0594	40.7280
61	45.3318	40.8170	45.1533	41.0144	44.9739	41.2110	44.7937	41.4068
62	46.0750	41.4861	45.8935	41.6867	45.7112	41.8866	45.5280	42.0856
63	46.8181	42.1552	46.6337	42.3591	46.4485	42.5622	46.2623	42.7644
64	47.5613	42.8244	47.3740	43.0315	47.1857	43.2378	46.9966	43.4432
65	48.3044	43.4935	48.1142	43.7038	47.9230	43.9134	47.7310	44.1220
66	49.0476	44.1626	48.8544	44.3762	48.6603	44.5890	48.4653	44.8008
67	49.7907	44.8318	49.5946	45.0486	49.3976	45.2645	49.1996	45.4796
68	50.5338	45.5009	50.3348	45.7209	50.1349	45.9401	49.9339	46.1584
69	51.2770	46.1700	51.0750	46.3933	50.8721	46.6157	50.6683	46.8372
70	52.0201	46.8391	51.8153	47.0657	51.6094	47.2913	51.4026	47.5160
71	52.7633	47.5083	52.5555	47.7380	52.3467	47.9669	52.1369	48.1948
72	53.5064	48.1774	53.2957	48.4104	53.0840	48.6425	52.8712	48.8737
73	54.2496	48.8465	54.0359	49.0828	53.8212	49.3181	53.6055	49.5525
74	54.9927	49.5157	54.7761	49.7551	54.5585	49.9937	54.3399	50.2313
75	55.7359	50.1848	55.5164	50.4275	55.2958	50.6693	55.0742	50.9101
76	56.4790	50.8539	56.2566	51.0999	56.0331	51.3449	55.8085	51.5889
77	57.2221	51.5231	56.9968	51.7722	56.7704	52.0204	56.5428	52.2677
78	57.9653	52.1922	57.7370	52.4446	57.5076	52.6960	57.2772	52.9465
79	58.7084	52.8613	58.4772	53.1170	58.2449	53.3716	58.0115	53.6253
80	59.4516	53.5304	59.2174	53.7893	58.9822	54.0472	58.7458	54.3041
81	60.1947	54.1996	59.9577	54.4617	59.7195	54.7228	59.4801	54.9829
82	60.9379	54.8687	60.6979	55.1341	60.4567	55.3984	60.2144	55.6617
83	61.6810	55.5378	61.4381	55.8064	61.1940	56.0740	60.9488	56.3405
84	62.4242	56.2070	62.1783	56.4788	61.9313	56.7496	61.6831	57.0193
85	63.1673	56.8761	62.9185	57.1512	62.6686	57.4252	62.4174	57.6981
86	63.9105	57.5452	63.6588	57.8235	63.4058	58.1008	63.1517	58.3769
87	64.6536	58.2144	64.3990	58.4959	64.1431	58.7763	63.8861	59.0557
88	65.3967	58.8835	65.1392	59.1683	64.8804	59.4519	64.6204	59.7345
89	66.1399	59.5526	65.8794	59.8406	65.6177	60.1275	65.3547	60.4133
90	66.8830	60.2218	66.6196	60.5130	66.3550	60.8031	66.0890	61.0921
91	67.6262	60.8909	67.3598	61.1854	67.0922	61.4787	66.8233	61.7709
92	68.3693	61.5600	68.1001	61.8577	67.8295	62.1543	67.5577	62.4497
93	69.1125	62.2291	68.8403	62.5301	68.5668	62.8299	68.2920	63.1285
94	69.8556	62.8983	69.5805	63.2025	69.3041	63.5055	69.0263	63.8073
95	70.5988	63.5674	70.3207	63.8748	70.0413	64.1811	69.7606	64.4861
96	71.3419	64.2365	71.0609	64.5472	70.7786	64.8567	70.4950	65.1649
97	72.0850	64.9057	71.8012	65.2196	71.5159	65.5322	71.2293	65.8437
98	72.8282	65.5748	72.5414	65.8919	72.2532	66.2078	71.9636	66.5225
99	73.5713	66.2439	73.2816	66.5643	72.9905	66.8834	72.6979	67.2013
100	74.3145	66.9131	74.0218	67.2367	73.7277	67.5590	73.4323	67.8801

No.	43	47	43¼	46¾	43½	46½	43¾	46¼
1	,7314	,6820	,7284	,6852	,7254	,6884	,7224	,6915
2	1.4627	1.3640	1.4567	1.3704	1.4507	1.3767	1.4447	1.3830
3	2.1941	2.0460	2.1851	2.0555	2.1761	2.0651	2.1671	2.0745
4	2.9254	2.7280	2.9135	2.7407	2.9015	2.7534	2.8895	2.7661
5	3.6568	3.4100	3.6419	3.4259	3.6269	3.4418	3.6118	3.4576
6	4.3881	4.0920	4.3702	4.1111	4.3522	4.1301	4.3342	4.1491
7	5.1195	4.7740	5.0986	4.7963	5.0776	4.8185	5.0565	4.8406
8	5.8508	5.4560	5.8270	5.4815	5.8030	5.5068	5.7789	5.5321
9	6.5822	6.1380	6.5553	6.1666	6.5284	6.1952	6.5013	6.2236
10	7.3135	6.8200	7.2837	6.8518	7.2537	6.8835	7.2236	6.9151
11	8.0449	7.5020	8.0121	7.5370	7.9791	7.5719	7.9460	7.6066
12	8.7762	8.1840	8.7405	8.2222	8.7045	8.2603	8.6684	8.2982
13	9.5076	8.8660	9.4688	8.9074	9.4299	8.9486	9.3907	8.9897
14	10.2390	9.5480	10.1972	9.5926	10.1552	9.6370	10.1131	9.6812
15	10.9703	10.2300	10.9256	10.2777	10.8806	10.3253	10.8355	10.3727
16	11.7017	10.9120	11.6539	10.9629	11.6060	11.0137	11.5578	11.0642
17	12.4330	11.5940	12.3823	11.6481	12.3314	11.7020	12.2802	11.7557
18	13.1644	12.2760	13.1107	12.3333	13.0567	12 3904	13.0026	12.4472
19	13.8957	12.9580	13.8390	13.0185	13.7821	13.0787	13.7249	13.1387
20	14.6271	13.6400	14.5674	13.7037	14.5075	13.7671	14.4473	13.8303
21	15.3584	14.3220	15.2958	14.3888	15.2329	14 4554	15.1696	14.5218
22	16.0898	15.0040	16.0242	15.0740	15.9582	15.1438	15.8920	15.2133
23	16.8211	15.6860	16.7525	15.7592	16.6836	15.8322	16.6144	15.9048
24	17.5525	16.3680	17.4809	16.4444	17.4090	16.5205	17.3367	16.5963
25	18.2838	17.0500	18.2093	17.1296	18.1344	17.2089	18.0591	17.2878
26	19.0152	17.7320	18.9376	17.8148	18.8597	17.8972	18.7815	17.9793
27	19.7465	18.4140	19.6660	18.4999	19.5851	18.5856	19.5038	18.6709
28	20.4779	19.0960	20.3944	19.1851	20.3105	19.2739	20.2262	19.3624
29	21.2093	19.7780	21.1228	19.8703	21.0359	19.9623	20.9486	20.0539
30	21.9406	20.4600	21.8511	20.5555	21.7612	20.6506	21.6709	20.7454
31	22.6720	21.1420	22.5795	21.2407	22.4866	21.3390	22.3933	21.4369
32	23.4033	21.8239	23.3079	21.9259	23.2120	22.0273	23.1156	22.1284
33	24.1347	22.5059	24.0362	22.6110	23.9374	22.7157	23.8380	22.8199
34	24.8660	23.1879	24.7646	23.2962	24.6627	23.4041	24.5604	23.5114
35	25.5974	23.8699	25.4930	23.9814	25.3881	24.0924	25.2827	24.2030
36	26.3287	24.5519	26.2214	24.6666	26.1135	24.7808	26.0051	24.8945
37	27.0601	25.2339	26.9497	25.3518	26.8389	25.4691	26 7275	25.5860
38	27.7914	25.9159	27.6781	26.0370	27.8642	26.1575	27.4498	26.2775
39	28.5228	26.5979	28.4065	26.7221	28.2896	26.8458	28.1722	26.9690
40	29.2541	27.2799	29.1348	27.4073	29.0150	27.5342	28.8946	27.6605
41	29.9855	27.9619	29.8632	28.0925	29.7404	28.2225	29.6169	28.3520
42	30.7169	28.6439	30.5916	28.7777	30.4657	28.9109	30.3393	29.0436
43	31.4482	29.3259	31.3199	29.4629	31.1911	29.5992	31.0617	29.7351
44	32.1796	30.0079	32.0483	30.1481	31.9165	30.2876	31.7840	30.4266
45	32.9109	30.6899	32.7767	30.8332	32.6418	30.9760	32.5064	31.1181
46	33.6423	31.3719	33.5051	31.5184	33.3672	31.6643	33.2287	31.8096
47	34.3736	32.0539	34.2334	32.2036	34.0926	32.3527	33.9511	32.5011
48	35.1050	32.7359	34.9618	32.8888	34.8180	33.0410	34.6735	33.1926
49	35.8363	33.4179	35.6902	33.5740	35.5433	33.7294	35.3958	33.8841
50	36.5677	34.0999	36.4185	34.2592	36.2687	34 4177	36.1182	34.5757

No.	43	47	43¼	46¾	43½	46½	43¾	46¼
51	37.2990	34.7819	37.1469	34.9443	36.9941	35.1061	36.8406	35.2672
52	38.0304	35.4639	37.8753	35.6295	37.7195	35.7944	37.5629	35.9587
53	38.7617	36.1459	38.6037	36.3147	38.4448	36.4828	38.2853	36.6502
54	39.4931	36.8279	39.3320	36.9999	39.1702	37.1711	39.0077	37.3417
55	40.2245	37.5099	40.0604	37.6851	39.8956	37.8595	39.7300	38.0332
56	40.9558	38.1919	40.7888	38.3702	40,6210	38.5479	40.4524	38.7247
57	41.6872	38.8739	41.5171	39.0554	41.3463	39.2362	41.1747	39.4162
58	42.4185	39.5559	42.2455	39.7406	42.0717	39.9246	41.8971	40.1078
59	43.1499	40.2379	42.9739	40.4258	42.7971	40.6129	42.6195	40.7993
60	43.8812	40.9199	43.7023	41.1110	43.5225	41.3013	43.3418	41.4908
61	44.6126	41.6019	44.4306	41.7961	44.2478	41.9896	44.0642	42.1823
62	45.3439	42.2839	45.1590	42.4813	44.9732	42.6780	44.7866	42.8738
63	46.0753	42.9659	45.8874	43.1665	45.6986	43.3663	45.5089	43.5653
64	46.8066	43.6479	46.6157	43.8517	46.4240	44.0547	46.2313	44.2568
65	47.5380	44.3299	47.3441	44.5369	47.1493	44.7430	46.9537	44.9484
66	48.2693	45.0119	48.0725	45.2221	47.8747	45.4314	47.6760	45.6399
67	49.0007	45.6939	48.8009	45.9073	48.6001	46.1198	48.3984	46.3314
68	49.7321	46.3759	49.5292	46.5924	49.3255	46.8081	49.1208	47.0229
69	50.4634	47.0579	50.2576	47.2776	50.0508	47.4965	49.8431	47.7144
70	51.1948	47.7399	50.9860	47.9628	50.7762	48.1848	50.5655	48.4059
71	51.9261	48.4219	51.7143	48.6480	51.5016	48.8732	51.2878	49.0974
72	52.6575	49.1039	52.4427	49.3332	52.2270	49.5615	52.0102	49.7889
73	53.3888	49.7859	53.1711	50.0184	52.9523	50.2499	52.7326	50.4805
74	54.1202	50.4679	53.8994	50.7035	53.6777	50.9382	53.4549	51.1720
75	54.8515	51.1499	54.6278	51.3887	54.4031	51.6266	54.1773	51.8635
76	55.5829	51.8319	55.3562	52.0739	55.1285	52.3149	54.8997	52.5550
77	56.3142	52.5139	56.0846	52.7591	55.8538	53.0033	55.6220	53.2465
78	57.0456	53.1959	56.8129	53.4443	56.5792	53.6917	56.3444	53.9380
79	57.7769	53.8779	57.5413	54.1295	57.3046	54,3800	57.0668	54.6295
80	58.5083	54.5599	58.2697	54.8146	58.0300	55.0684	57.7891	55.3210
81	59.2396	55.2419	58.9980	55.4998	58.7553	55.7567	58.5115	56.0126
82	59.9710	55.9239	59.7264	56.1850	59.4807	56.4451	59.2338	56.7041
83	60.7024	56.6059	60.4548	56.8702	60.2061	57.1334	59.9562	57.3956
84	61.4337	57.2879	61.1832	57.5554	60.9314	57.8218	60.6786	58.0871
85	62.1651	57.9699	61.9115	58.2406	61.6568	58.5101	61.4009	58.7786
86	62.8964	58.6519	62.6399	58.9257	62.3822	59.1985	62.1233	59.4701
87	63.6278	59.3339	63.3683	59.6109	63.1076	59.8868	62.8457	60.1616
88	64.3591	60.0159	64.0966	60.2961	63.8329	60.5752	63.5680	60.8532
89	65.0905	60.6979	64.8250	60.9813	64.5583	61.2636	64.2904	61.5447
90	65.8218	61.3799	65.5534	61.6665	65.2837	61.9519	65.0128	62.2362
91	66.5532	62.0619	66.2818	62.3517	66.0091	62.6403	65.7351	62.9277
92	67.2845	62.7439	67.0101	63.0368	66.7344	63.3286	66.4575	63.6192
93	68.0159	63.4259	67.7385	63.7220	67.4598	64.0170	67.1799	64.3107
94	68.7472	64.1078	68.4669	64.4072	68.1852	64.7053	67.9022	65.0022
95	69.4786	64.7898	69.1952	65.0924	68.9106	65.3937	68.6246	65.6937
96	70.2100	65.4718	69.9236	65.7776	69.6359	66.0820	69.3469	66.3853
97	70.9413	66.1538	70.6520	66.4628	70.3613	66.7704	70.0693	67.0768
98	71.6727	66.8358	71.3803	67.1479	71.0867	67.4587	70.7917	67.7683
99	72.4040	67.5178	72.1087	67.8331	71.8121	68.1471	71.5140	68.4598
100	73.1354	68.1998	72.8371	68.5183	72.5374	68.8355	72.2364	69.1513

No.	44	46	44¼	45¾	44½	45½	44¾	45¼
1	,7193	,6947	,7163	,6978	,7133	,7009	,7102	,7040
2	1.4387	1.3893	1.4326	1.3956	1.4265	1.4018	1.4204	1.4080
3	2.1580	2.0840	2.1489	2.0934	2.1398	2.1027	2.1306	2.1120
4	2.8774	2.7786	2.8652	2.7912	2.8530	2.8036	2.8407	2.8161
5	3.5967	3.4733	3.5815	3.4890	3.5663	3.5045	3.5509	3.5201
6	4.3160	4.1680	4.2978	4.1867	4.2795	4.2055	4.2611	4.2241
7	5.0354	4.8626	5.0141	4.8845	4.9928	4.9064	4.9713	4.9281
8	5.7547	5.5573	5.7304	5.5823	5.7060	5.6073	5.6815	5.6321
9	6.4741	6.2519	6.4467	6.2801	6.4193	6.3082	6.3917	6.3361
10	7.1934	6.9466	7.1630	6.9779	7.1325	7.0091	7.1019	7.0401
11	7.9127	7.6412	7.8793	7.6757	7.8458	7.7100	7.8120	7.7442
12	8.6321	8.3359	8.5956	8.3735	8.5590	8.4109	8.5222	8.4482
13	9.3514	9.0306	9.3119	9.0713	9.2723	9.1118	9.2324	9.1522
14	10.0708	9.7252	10.0282	9.7691	9.9855	9.8127	9.9426	9.8562
15	10.7901	10.4199	10.7445	10.4669	10.6988	10.5136	10.6528	10.5602
16	11.5094	11.1145	11.4608	11.1646	11.4120	11.2145	11.3630	11.2642
17	12.2288	11.8092	12.1771	11.8624	12.1253	11.9155	12.0732	11.9682
18	12.9481	12.5039	12.8934	12.5602	12.8385	12.6164	12.7833	12.6723
19	13.6675	13.1985	13.6097	13.2580	13.5518	13.3173	13.4935	13.3763
20	14.3868	13.8932	14.3260	13.9558	14.2650	14.0182	14.2037	14.0803
21	15.1061	14.5878	15.0423	14.6536	14.9783	14.7191	14.9139	14.7843
22	15.8255	15.2825	15.7586	15.3514	15.6915	15.4200	15.6241	15.4883
23	16.5448	15.9771	16.4749	16.0492	16.4048	16.1209	16.3343	16.1923
24	17.2642	16.6718	17.1912	16.7470	17.1180	16.8218	17.0444	16.8964
25	17.9835	17.3665	17.9075	17.4448	17.8313	17.5227	17.7546	17.6004
26	18.7028	18.0611	18.6238	18.1426	18.5445	18.2236	18.4648	18.3044
27	19.4222	18.7558	19.3402	18.8403	19.2578	18.9246	19.1750	19.0084
28	20.1415	19.4504	20.0565	19.5381	19.9710	19.6255	19.8852	19.7124
29	20.8609	20.1451	20.7728	20.2359	20.6843	20.3264	20.5954	20.4164
30	21.5802	20.8398	21.4891	20.9337	21.3975	21.0273	21.3056	21.1204
31	22.2995	21.5344	22.2054	21.6315	22.1108	21.7282	22.0157	21.8245
32	23.0189	22.2291	22.9217	22.3293	22.8240	22.4291	22.7259	22.5285
33	23.7382	22.9237	23.6380	23.0271	23.5373	23.1300	23.4361	23.2325
34	24.4576	23.6184	24.3543	23.7249	24.2505	23.8309	24.1463	23.9365
35	25.1769	24.3130	25.0706	24.4227	24.9638	24.5318	24.8565	24.6405
36	25.8962	25.0077	25.7869	25.1205	25.6770	25.2327	25.5667	25.3445
37	26.6156	25.7024	26.5032	25.8182	26.3903	25.9336	26.2769	26.0485
38	27.3349	26.3970	27.2195	26.5160	27.1035	26.6346	26.9870	26.7526
39	28.0543	27.0917	27.9358	27.2138	27.8168	27.3355	27.6972	27.4566
40	28.7736	27.7863	28.6521	27.9116	28.5300	28.0364	28.4074	28.1606
41	29.4929	28.4810	29.3684	28.6094	29.2433	28.7373	29.1176	28.8646
42	30.2123	29.1757	30.0847	29.3072	29.9565	29.4382	29.8278	29.5686
43	30.9316	29.8703	30.8010	30.0050	30.6698	30.1391	30.5380	30.2726
44	31.6510	30.5650	31.5173	30.7028	31.3830	30.8400	31.2482	30.9766
45	32.3703	31.2596	32.2336	31.4006	32.0963	31.5409	31.9583	31.6807
46	33.0896	31.9543	32.9499	32.0984	32.8095	32.2418	32.6685	32.3847
47	33.8090	32.6489	33.6662	32.7962	33.5228	32.9427	33.3787	33.0887
48	34.5283	33.3436	34.3825	33.4939	34.2360	33.6436	34.0889	33.7927
49	35.2477	34.0383	35.0988	34.1917	34.9493	34.3446	34.7991	34.4967
50	35.9670	34.7329	35.8151	34.8895	35.6625	35.0455	35.5093	35.2007

	No.	44	46	44¼	45¾	44½	45½	44¾	45¼
	51	36.6863	35.4276	36.5314	35.5873	36.3758	35.7464	36.2195	35.9047
	52	37.4057	36.1222	37.2477	36.2851	37.0890	36.4473	36.9296	36.6088
	53	38.1250	36.8169	37.9640	36.9829	37.8023	37.1482	37.6398	37.3128
	54	38.8443	37.5116	38.6803	37.6807	38.5155	37.8491	38.3500	38.0168
	55	39.5637	38.2062	39.3966	38.3785	39.2288	38.5500	39.0602	38.7208
	56	40.2830	38.9009	40.1129	39.0763	39.9420	39.2509	39.7704	39.4248
	57	41.0024	39.5955	40.8292	39.7741	40.6553	39.9518	40.4806	40.1288
	58	41.7217	40.2902	41.5455	40.4718	41.3685	40.6527	41.1908	40.8329
	59	42.4410	40.9848	42.2618	41.1696	42.0818	41.3536	41.9009	41.5369
	60	43.1604	41.6795	42.9781	41.8674	42.7950	42.0546	42.6111	42.2409
	61	43.8797	42.3742	43.6944	42.5652	43.5083	42.7555	43.3213	42.9449
	62	44.5991	43.0688	44.4107	43.2630	44.2215	43.4564	44.0315	43.6489
	63	45.3184	43.7635	45.1270	43.9608	44.9348	44.1573	44.7417	44.3529
	64	46.0377	44.4581	45.8433	44.6586	45.6480	44.8582	45.4519	45.0569
	65	46.7571	45.1528	46.5596	45.3564	46.3613	45.5591	46.1621	45.7610
	66	47.4764	45.8475	47.2759	46.0542	47.0745	46.2600	46.8722	46.4650
	67	48.1958	46.5421	47.9922	46.7520	47.7878	46.9609	47.5824	47.1690
	68	48.9151	47.2368	48.7085	47.4498	48.5010	47.6618	48.2926	47.8730
	69	49.6344	47.9314	49.4248	48.1475	49.2143	48.3627	49.0028	48.5770
	70	50.3538	48.6261	50.1411	48.8453	49.9275	49.0637	49.7130	49.2810
	71	51.0731	49.3207	50.8574	49.5431	50.6408	49.7646	50.4232	49.9850
	72	51.7925	50.0154	51.5737	50.2409	51.3540	50.4655	51.1333	50.6891
	73	52.5118	50.7101	52.2900	50.9387	52.0673	51.1664	51.8435	51.3931
	74	53.2311	51.4047	53.0063	51.6365	52.7805	51.8673	52.5537	52.0971
	75	53.9505	52.0994	53.7226	52.3343	53.4938	52.5682	53.2639	52.8011
	76	54.6698	52.7940	54.4389	53.0321	54.2070	53.2691	53.9741	53.5051
	77	55.3892	53.4887	55.1552	53.7299	54.9203	53.9700	54.6843	54.2091
	78	56.1085	54.1834	55.8715	54.4277	55.6335	54.6709	55.3945	54.9131
	79	56.8278	54.8780	56.5879	55.1254	56.3468	55.3718	56.1046	55.6172
	80	57.5472	55.5727	57.3042	55.8232	57.0600	56.0727	56.8148	56.3212
	81	58.2665	56.2673	58.0205	56.5210	57.7733	56.7737	57.5250	57.0252
	82	58.9859	56.9620	58.7368	57.2188	58.4865	57.4746	58.2352	57.7292
	83	59.7052	57.6566	59.4531	57.9166	59.1998	58.1755	58.9454	58.4332
	84	60.4245	58.3513	60.1694	58.6144	59.9130	58.8764	59.6556	59.1372
	85	61.1439	59.0460	60.8857	59.3122	60.6263	59.5773	60.3658	59.8412
	86	61.8632	59.7406	61.6020	60.0100	61.3395	60.2782	61.0759	60.5453
	87	62.5826	60.4353	62.3183	60.7078	62.0528	60.9791	61.7861	61.2493
	88	63.3019	61.1299	63.0346	61.4056	62.7660	61.6800	62.4963	61.9533
	89	64.0212	61.8246	63.7509	62.1034	63.4793	62.3809	63.2065	62.6573
	90	64.7406	62.5193	64.4672	62.8011	64.1925	63.0818	63.9167	63.3613
	91	65.4599	63.2139	65.1835	63.4989	64.9058	63.7827	64.6269	64.0653
	92	66.1793	63.9086	65.8998	64.1967	65.6190	64.4837	65.3371	64.7694
	93	66.8986	64.6032	66.6161	64.8945	66.3323	65.1846	66.0472	65.4734
	94	67.6179	65.2979	67.3324	65.5923	67.0455	65.8855	66.7574	66.1774
	95	68.3373	65.9925	68.0487	66.2901	67.7588	66.5864	67.4676	66.8814
	96	69.0566	66.6872	68.7650	66.9879	68.4720	67.2873	68.1778	67.5854
	97	69.7760	67.3819	69.4813	67.6857	69.1853	67.9882	68.8880	68.2894
4	98	70.4953	68.0765	70.1976	68.3835	69.8985	68.6891	69.5982	68.9934
4	99	71.2146	68.7712	70.9139	69.0813	70.6118	69.3900	70.3084	69.6975
	100	71.9340	69.4658	71.6302	69.7791	71.3251	70.0909	71.0185	70.4015

No	45	No.	45
1	,7071	51	36.0624
2	1.4142	52	36.7696
3	2.1213	53	37.4767
4	2.8284	54	38.1838
5	3.5355	55	38.8909
6	4.2426	56	39.5980
7	4.9497	57	40.3051
8	5.6569	58	41.0122
9	6.3640	59	41.7193
10	7.0711	60	42.4264
11	7.7782	61	43.1335
12	8.4853	62	43.8406
13	9.1924	63	44.5477
14	9.8995	64	45.2548
15	10.6066	65	45.9619
16	11.3137	66	46.6690
17	12.0208	67	47.3762
18	12.7279	68	48.0833
19	13.4350	69	48.7904
20	14.1421	70	49.4975
21	14.8492	71	50.2046
22	15.5563	72	50.9117
23	16,2635	73	51.6188
24	16.9706	74	52.3259
25	17.6777	75	53.0330
26	18.3848	76	53.7401
27	19.0919	77	54.4472
28	19.7990	78	55.1543
29	20.5061	79	55.8614
30	21.2132	80	56.5685
31	21.9203	81	57.2757
32	22.6274	82	57.9828
33	23.3345	83	58.6899
34	24.0416	84	59.3970
35	24.7487	85	60.1041
36	25.4558	86	60.8112
37	26.1630	87	61.5183
38	26.8701	88	62.2254
39	27.5772	89	62.9325
40	28.2843	90	63.6396
41	28.9914	91	64.3467
42	29.6985	92	65.0538
43	30.4056	93	65.7609
44	31.1127	94	66.4680
45	31.8198	95	67.1751
46	32.5269	96	67.8823
47	33.2340	97	68.5894
48	33.9411	98	69.296
49	34.6482	99	70.0036
50	35.3553	100	70.7107

OF DIVIDING LANDS.

IF any two oppoſite Stations of a Cloſe, already caſt up or prepared for caſting up by the Tables, be ſuppoſed to be joined by a right Line, theſe may be eſteemed adjacent Stations, whoſe Longitudes, being put together, and drawn into their Difference of Latitude, and the Product, together with thoſe of the Cloſe on the one Side, or on the other, diſpoſed into their proper Columns, *&c.* will give the Area of that Side as a new Cloſe. And thus may any Cloſe, or any Survey, tho' conſiſting of many Cloſes, be divided even into its Conſtituent Triangles.

The Invention and Importance of the Calculation of Secondary Cloſes.

Since by the Corollaries to the Lemma, the Area of a Field is found by taking the Area which lies betwixt the Prime Meridian and its NEAR Side, from the Area which lies betwixt the ſame Meridian and its FAR Side; by retaining the ſame Prime Meridian, an adjacent Field will be eaſier calculated; as the Areas of the Common Sides are already taken from that Meridian: Only Affirmative Areas in the firſt, will be Negative Areas in the laſt, and the contrary; becauſe the far Side of the One Field, with reſpect to the Meridian, is the near Side of the other. And a third Field, adjoining both, will be ſtill eaſier caſt up, more of its Sides being done to Hand.

And thus, in any Succeſſion of contiguous Cloſes (as in the Field Work and in the Plotting) whatever is done need not be repeated, by which near one half of the Labour of Calculating an Eſtate will be ſaved.

And taking this Method of Calculation, as it ſtands connected with the Method of Plotting not invented, but now firſt Publiſhed by the Author, three fourths of the Labour will be ſaved. And the Tabular Method freed from every thing troubleſome, and compleatly accommodated to the daily Work of the Practical Surveyor.

The Rules for Plotting and Calculating contracted.

For Plotting.] Lat's, or Lon's. like, Add; unlike, Subtract.

For Calculating.] Field on the Right; Eaſt Products, put in their Proper Columns;—Weſt, in Contrary.

Field on the Left; Eaſt Products, put in their Contrary Columns.—Weſt, in Proper.

Carried Products, put in Contrary Columns.

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